Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
Data File : BM010231.D
Acq On : 25 May 2017 23:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: May 26 05:18:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.95 | 152 | 137401 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 10.75 | 136 | 483157 | 20.00 | ng | | -0.04 |
| 38) Acenaphthene-d10 | 14.57 | 164 | 337839 | 20.00 | ng | | -0.04 |
| 63) Phenanthrene-d10 | 17.32 | 188 | 840400 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 21.49 | 240 | 1243957 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 23.84 | 264 | 1296516 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 594323 | 78.11 | ng | | -0.04 |
| 7) Phenol-d6 | 7.13 | 99 | 770593 | 78.71 | ng | | -0.04 |
| 23) Nitrobenzene-d5 | 9.13 | 82 | 877966 | 98.04 | ng | | -0.04 |
| 41) 2,4,6-Tribromophenol | 16.07 | 330 | 435484 | 84.87 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 13.20 | 172 | 2245680 | 85.45 | ng | | -0.04 |
| 78) Terphenyl-d14 | 19.93 | 244 | 4646769 | 84.94 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.43 | 88 | 151071 | 43.21 | ng | # | 100 |
| 3) Pyridine | 3.85 | 79 | 372650 | 39.82 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.76 | 42 | 188661 | 55.73 | ng | # | 72 |
| 6) Aniline | 7.30 | 93 | 208636 | 17.20 | ng | | 92 |
| 8) 2-Chlorophenol | 7.52 | 128 | 320452 | 38.71 | ng | | 95 |
| 9) Benzaldehyde | 7.10 | 77 | 254213 | 41.71 | ng | | 89 |
| 10) Phenol | 7.16 | 94 | 395328 | 38.32 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.37 | 93 | 299185 | 38.90 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.83 | 146 | 411227 | 39.09 | ng | # | 90 |
| 13) 1,4-Dichlorobenzene | 7.98 | 146 | 425319 | 39.36 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.30 | 146 | 408543 | 39.38 | ng | | 97 |
| 15) Benzyl Alcohol | 8.21 | 79 | 133276 | 17.99 | ng | # | 85 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45 | 45 | 259299 | 34.29 | ng | | 68 |
| 17) 2-Methylphenol | 8.40 | 107 | 289679 | 39.46 | ng | # | 81 |
| 18) Hexachloroethane | 9.02 | 117 | 147158 | 42.01 | ng | # | 71 |
| 19) n-Nitroso-di-n-propylamine | 8.75 | 70 | 301895 | 43.69 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.73 | 107 | 385540 | 38.88 | ng | | 87 |
| 22) Acetophenone | 8.78 | 105 | 531674 | 42.93 | ng | # | 96 |
| 24) Nitrobenzene | 9.17 | 77 | 452039 | 49.00 | ng | | 95 |
| 25) Isophorone | 9.68 | 82 | 695199 | 44.93 | ng | # | 92 |
| 26) 2-Nitrophenol | 9.87 | 139 | 179188 | 46.08 | ng | # | 57 |
| 27) 2,4-Dimethylphenol | 9.93 | 122 | 287071 | 40.88 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93 | 397884 | 40.51 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.40 | 162 | 361068 | 44.66 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.60 | 180 | 454339 | 43.44 | ng | | 99 |
| 31) Naphthalene | 10.80 | 128 | 1045729 | 40.46 | ng | | 100 |
| 32) Benzoic acid | 10.07 | 122 | 169057 | 35.33 | ng | # | 76 |
| 34) Hexachlorobutadiene | 11.05 | 225 | 334422 | 47.93 | ng | | 99 |
| 35) Caprolactam | 11.76 | 113 | 94905 | 40.91 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 12.05 | 107 | 375197 | 42.85 | ng | | 86 |
| 37) 2-Methylnaphthalene | 12.40 | 142 | 787019 | 42.29 | ng | # | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 565601 | 43.54 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.72 | 237 | 335325 | 44.70 | ng | | 99 |
| 42) 2,4,6-Trichlorophenol | 13.02 | 196 | 343769 | 44.93 | ng | | 96 |

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ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: May 26 05:18:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 13.09 | 196 | 377132 | 44.60 | ng | # | 94 |
| 45) 1,1'-Biphenyl | 13.41 | 154 | 1137639 | 40.95 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.46 | 162 | 913084 | 40.59 | ng | | 96 |
| 47) 2-Nitroaniline | 13.70 | 65 | 266211 | 46.02 | ng | # | 80 |
| 48) Acenaphthylene | 14.30 | 152 | 1357320 | 40.81 | ng | | 100 |
| 49) Dimethylphthalate | 14.04 | 163 | 1241315 | 41.19 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.17 | 165 | 244493 | 42.73 | ng | # | 78 |
| 51) Acenaphthene | 14.64 | 154 | 838289 | 40.54 | ng | | 98 |
| 52) 3-Nitroaniline | 14.54 | 138 | 203410 | 38.25 | ng | # | 76 |
| 53) 2,4-Dinitrophenol | 14.71 | 184 | 161902 | 45.55 | ng | # | 88 |
| 54) Dibenzofuran | 14.98 | 168 | 1336883 | 41.12 | ng | | 95 |
| 55) 4-Nitrophenol | 14.84 | 139 | 155720 | 36.38 | ng | # | 34 |
| 56) 2,4-Dinitrotoluene | 14.96 | 165 | 345431 | 42.67 | ng | # | 89 |
| 57) Fluorene | 15.62 | 166 | 1183943 | 41.87 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.20 | 232 | 324617 | 45.07 | ng | # | 100 |
| 59) Diethylphthalate | 15.39 | 149 | 1189335 | 41.74 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.62 | 204 | 682646 | 43.00 | ng | | 97 |
| 61) 4-Nitroaniline | 15.70 | 138 | 197411 | 36.56 | ng | # | 15 |
| 62) Azobenzene | 15.90 | 77 | 1038901 | 49.59 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 15.71 | 198 | 239464 | 46.64 | ng | | 79 |
| 65) n-Nitrosodiphenylamine | 15.84 | 169 | 1027509 | 40.79 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.51 | 248 | 454252 | 42.22 | ng | | 96 |
| 67) Hexachlorobenzene | 16.60 | 284 | 510523 | 39.06 | ng | # | 91 |
| 68) Atrazine | 16.80 | 200 | 300819 | 31.50 | ng | | 97 |
| 69) Pentachlorophenol | 16.97 | 266 | 318185 | 44.32 | ng | | 98 |
| 70) Phenanthrene | 17.37 | 178 | 1938725 | 41.23 | ng | | 99 |
| 71) Anthracene | 17.46 | 178 | 1965576 | 42.12 | ng | | 99 |
| 72) Carbazole | 17.74 | 167 | 1651196 | 39.97 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.26 | 149 | 2008752 | 41.01 | ng | # | 97 |
| 74) Fluoranthene | 19.37 | 202 | 2523621 | 41.34 | ng | | 97 |
| 76) Benzidine | 19.62 | 184 | 271015 | 11.81 | ng | | 99 |
| 77) Pyrene | 19.74 | 202 | 2660153 | 39.89 | ng | | 100 |
| 79) Butylbenzylphthalate | 20.61 | 149 | 971792 | 39.36 | ng | # | 84 |
| 80) Benzo(a)anthracene | 21.47 | 228 | 2870643 | 41.87 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.42 | 252 | 1007779 | 36.54 | ng | # | 98 |
| 82) Chrysene | 21.52 | 228 | 2677670 | 41.18 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.35 | 149 | 1487417 | 40.29 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 22.26 | 149 | 2730623 | 41.31 | ng | # | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 26.26 | 276 | 3982435 | 41.77 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.12 | 252 | 3247324 | 42.80 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 23.17 | 252 | 3248037 | 43.69 | ng | # | 95 |
| 89) Benzo(a)pyrene | 23.74 | 252 | 3131359 | 43.31 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 26.27 | 278 | 3364594 | 41.61 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 27.01 | 276 | 3396544 | 42.87 | ng | # | 86 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 25 May 2017 23:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: May 26 05:18:06 2017
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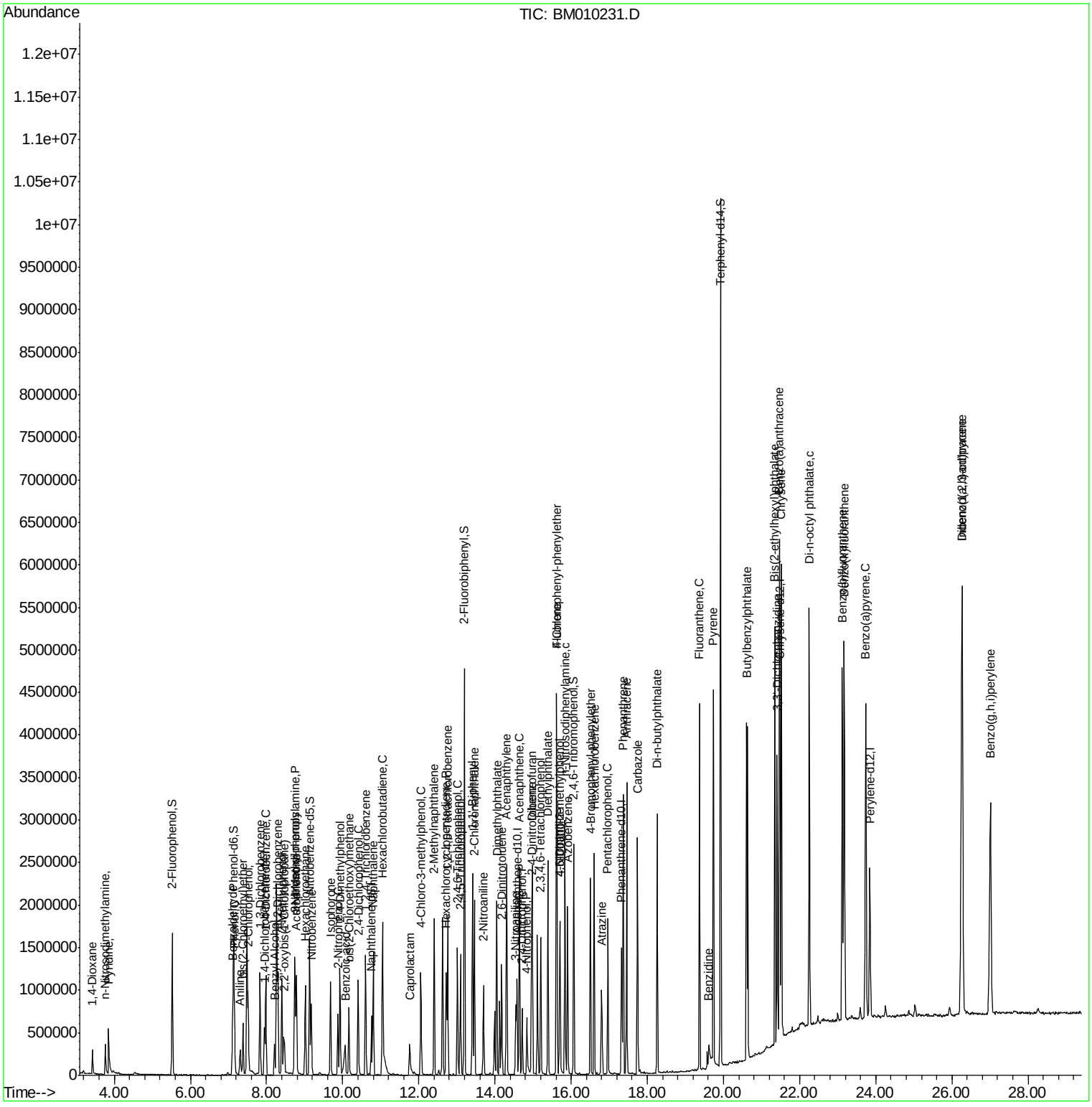
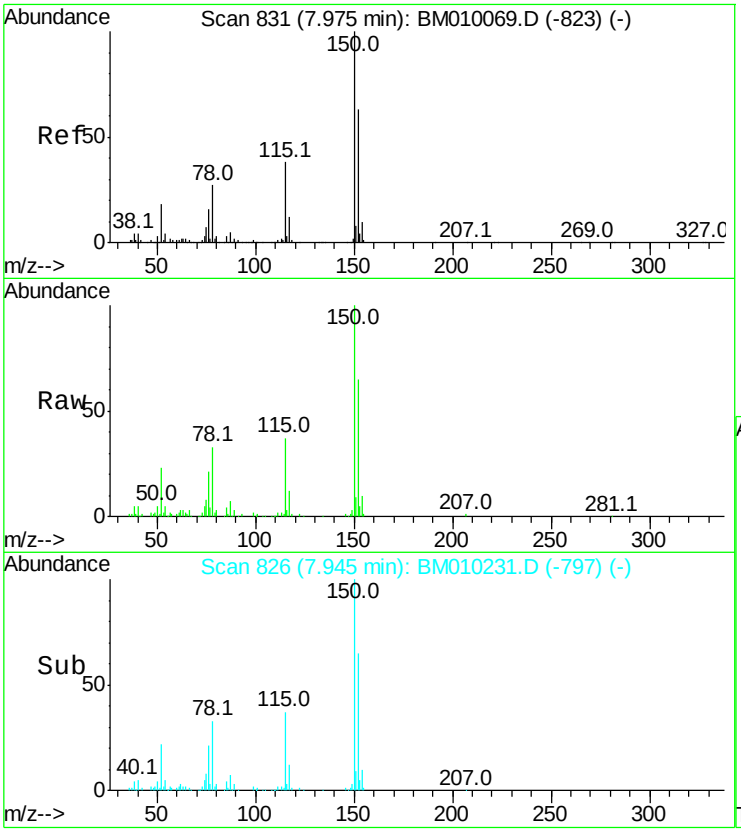
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration



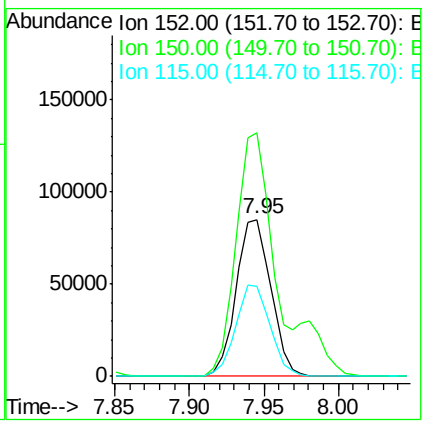


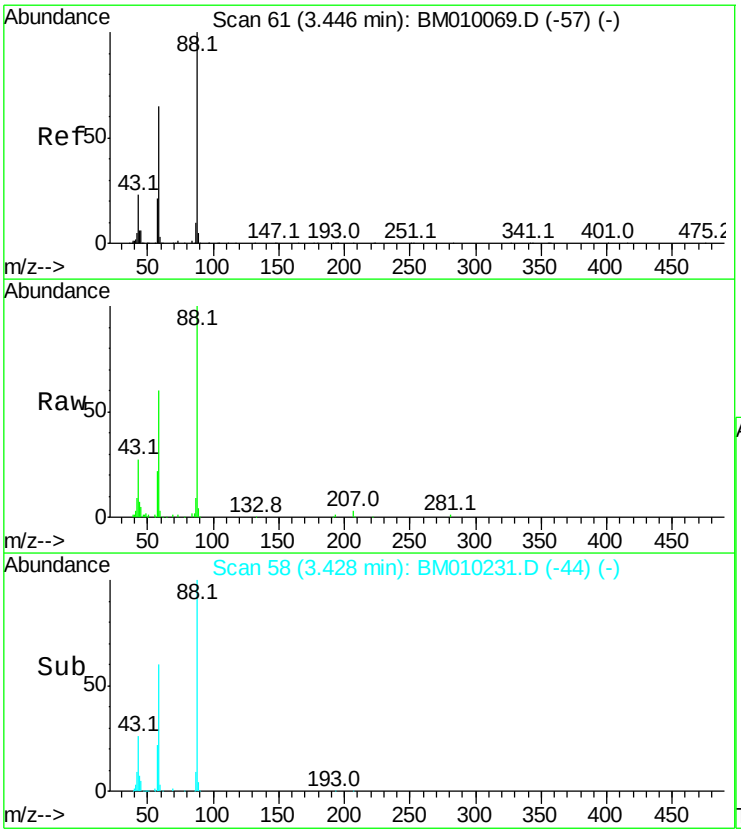

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 137401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.9 | 119.5 | 179.3 |
| 115 | 57.6 | 43.0 | 64.4 |

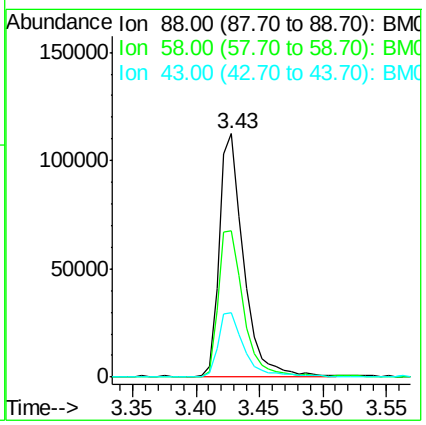


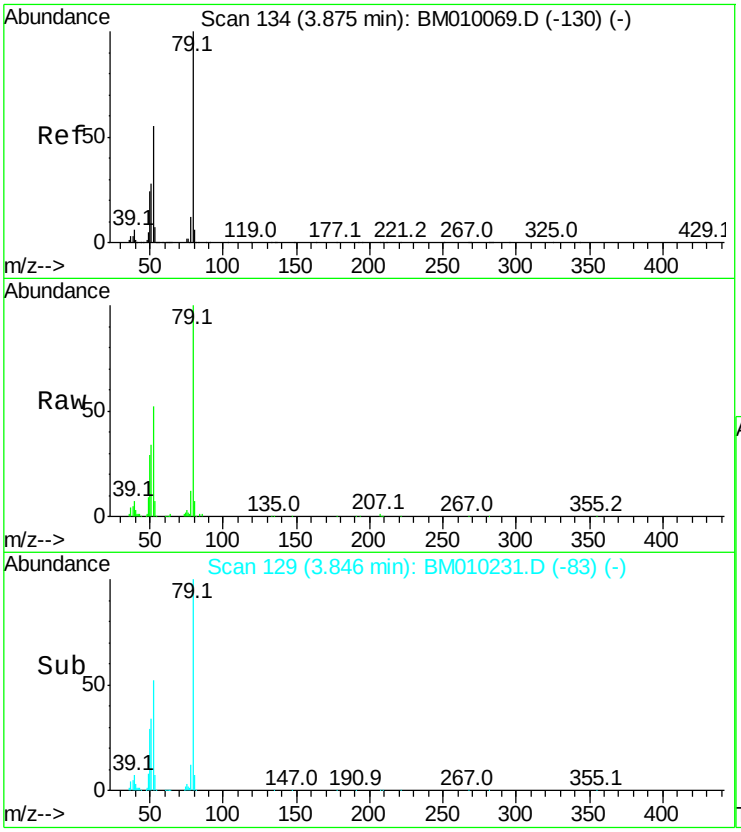




#2
1,4-Dioxane
Concen: 43.21 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 88 Resp: 151071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 62.9 | 0.0 | 0.0# |
| 43 | 28.7 | 0.0 | 0.0# |



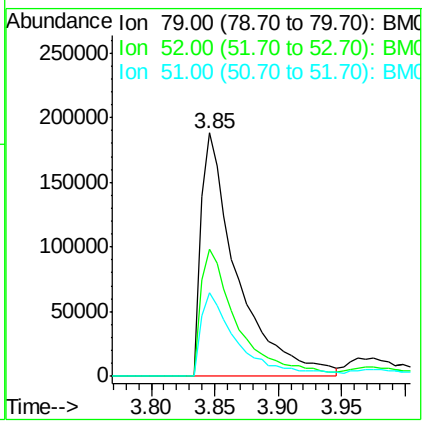


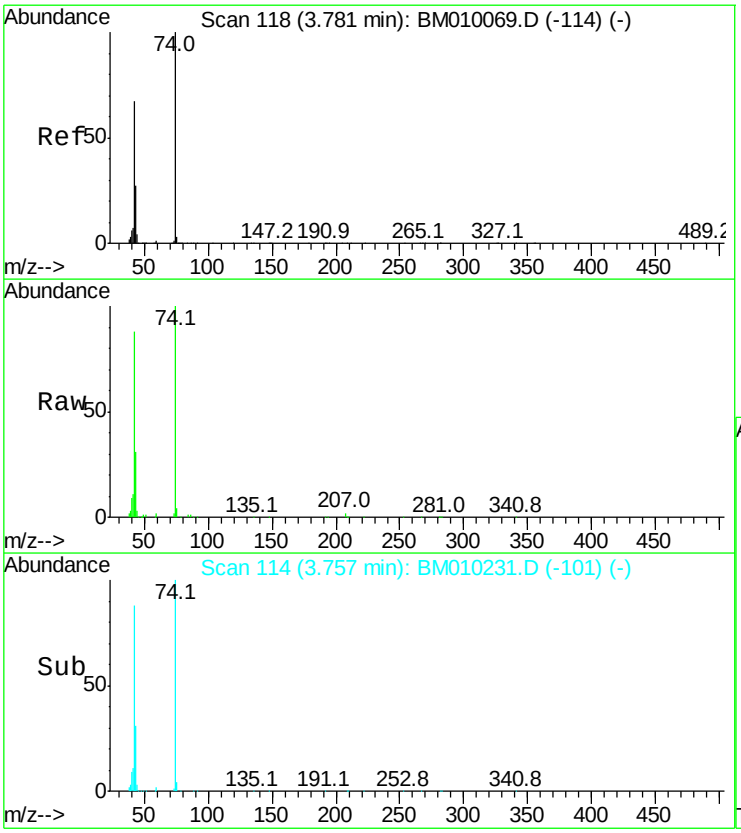

#3
Pyridine
Concen: 39.82 ng
RT: 3.85 min Scan# 129
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 372650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 52.4 | 51.1 | 76.7 |
| 51 | 34.5 | 26.1 | 39.1 |

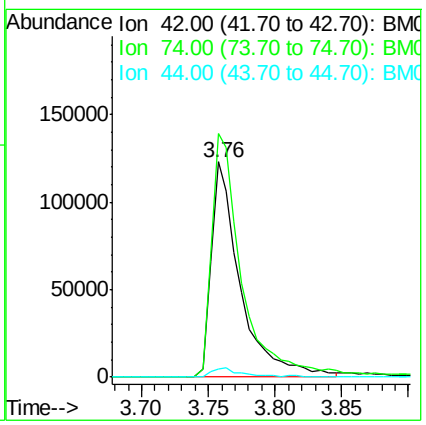


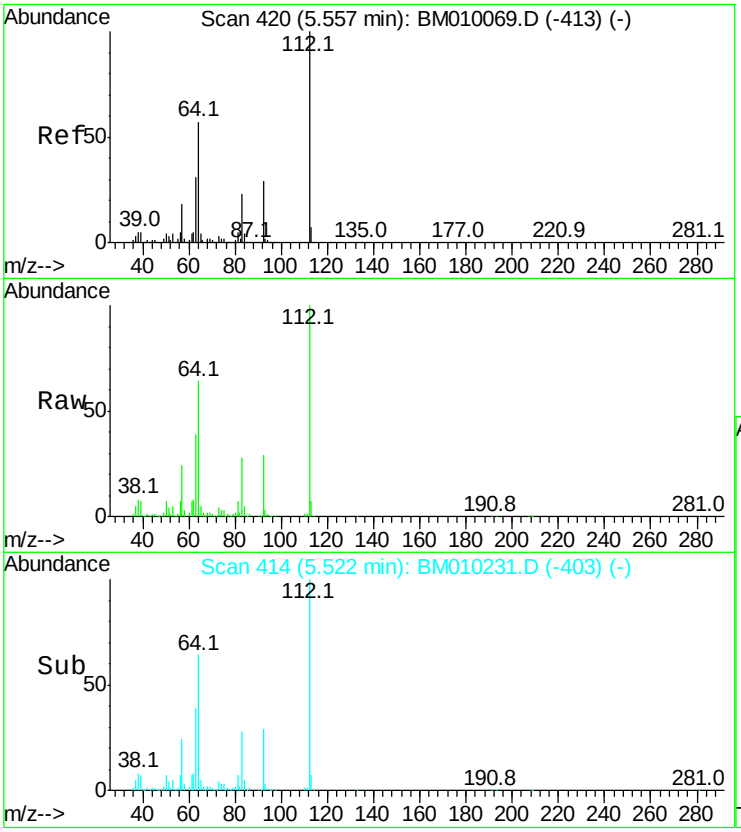




#4
n-Nitrosodimethylamine
Concen: 55.73 ng
RT: 3.76 min Scan# 114
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 42 Resp: 188661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.2 | 119.3 | 178.9# |
| 44 | 3.9 | 5.4 | 8.2# |



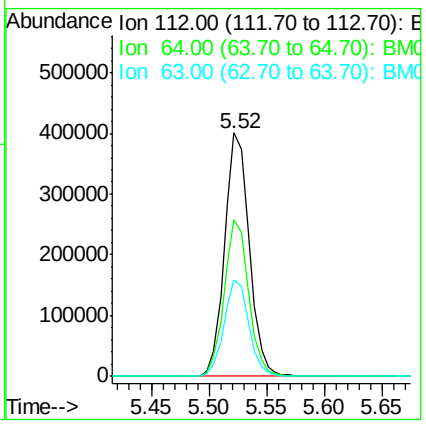


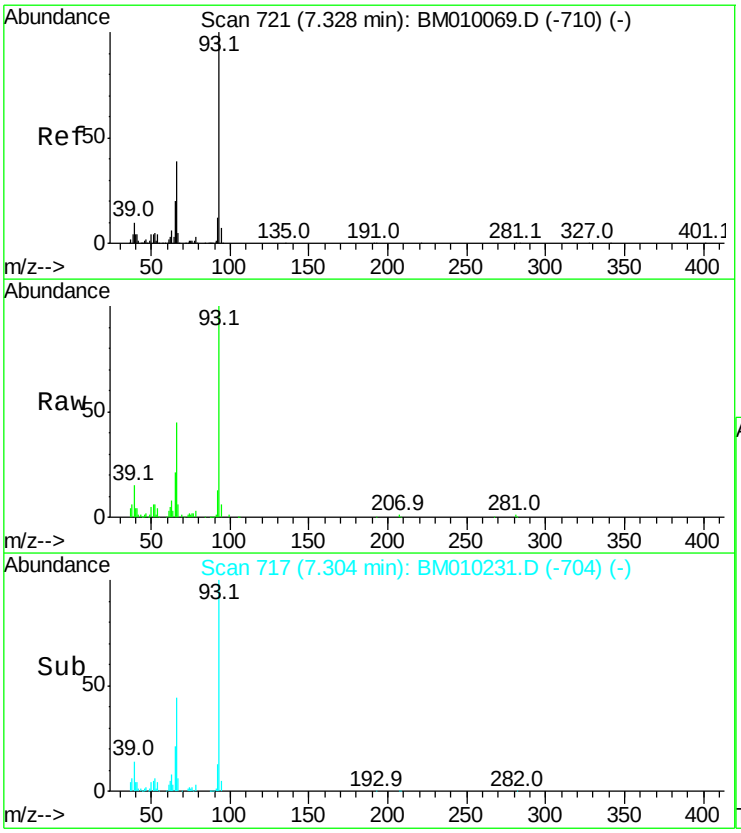

#5
2-Fluorophenol
Concen: 78.11 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:112 Resp: 594323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.4 | 38.6 | 57.8# |
| 63 | 39.5 | 19.3 | 28.9# |

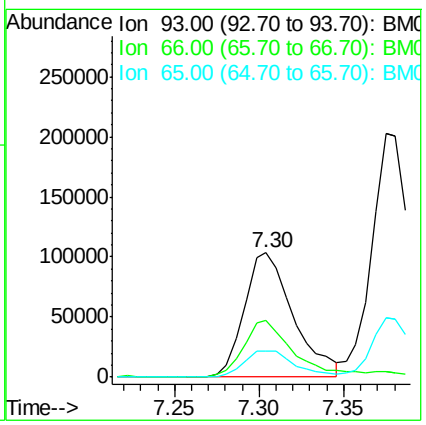


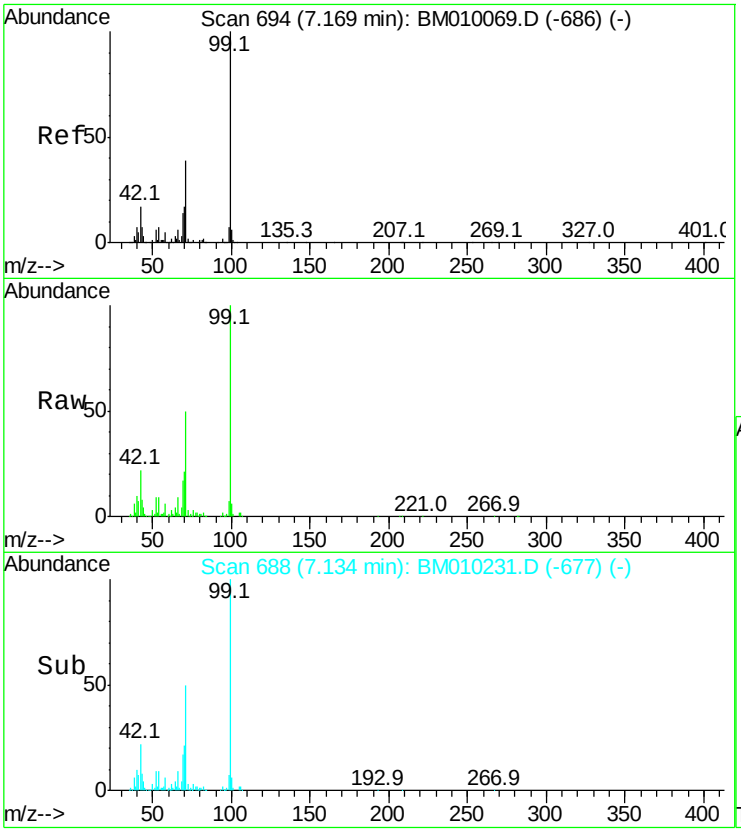




#6
Aniline
Concen: 17.20 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 93 Resp: 208636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.1 | 30.8 | 46.2 |
| 65 | 21.3 | 16.0 | 24.0 |



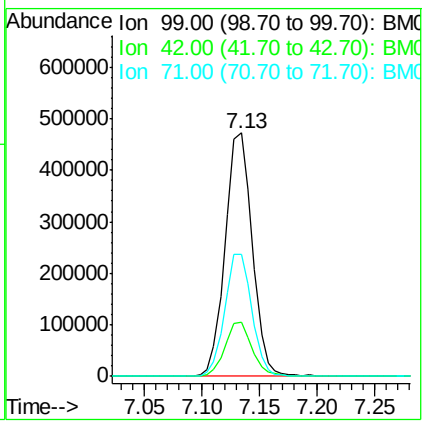


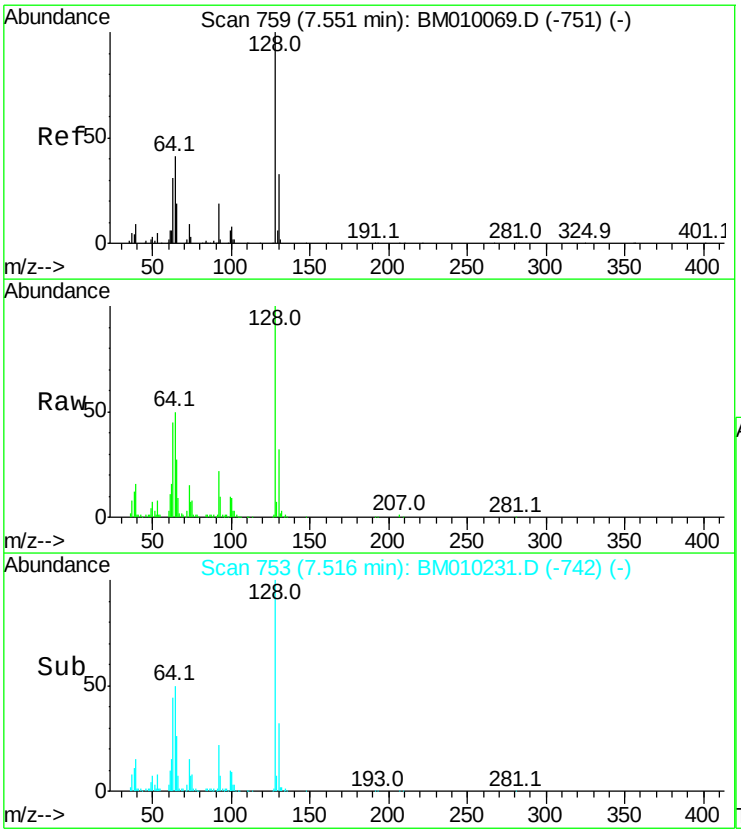

#7
Phenol-d6
Concen: 78.71 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 99 Resp: 770593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.3 | 11.0 | 16.4# |
| 71 | 50.0 | 23.4 | 35.2# |

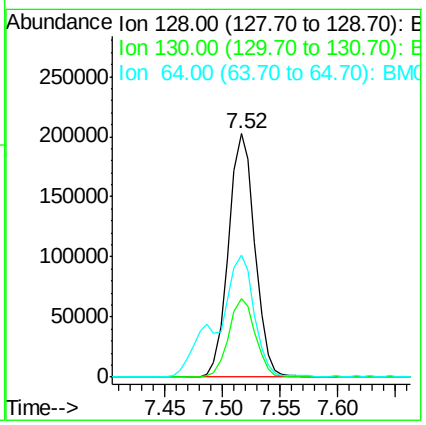


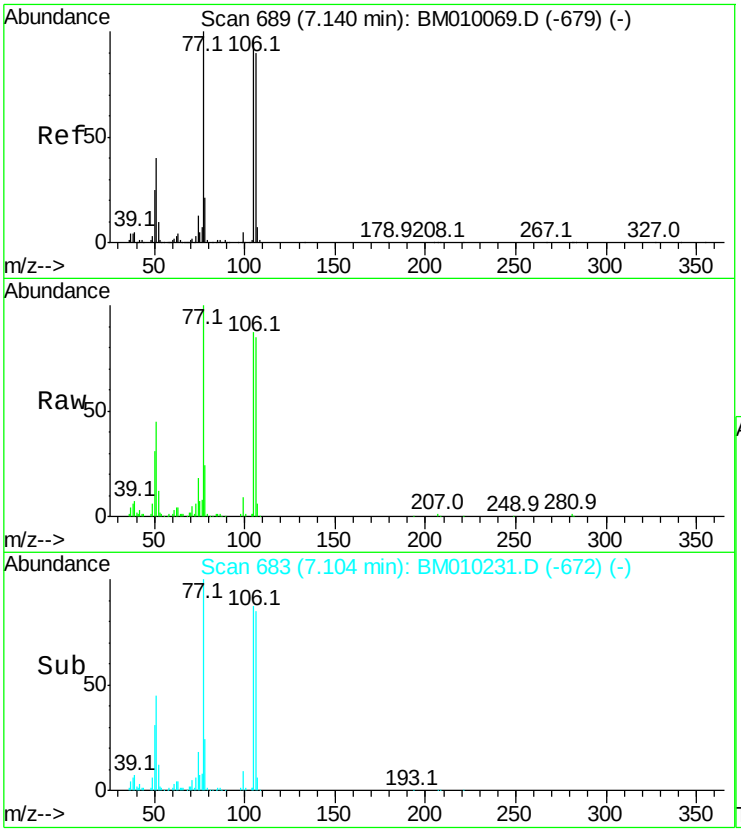




#8
2-Chlorophenol
Concen: 38.71 ng
RT: 7.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:128 Resp: 320452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 12.0 | 52.0 |
| 64 | 50.2 | 24.9 | 64.9 |



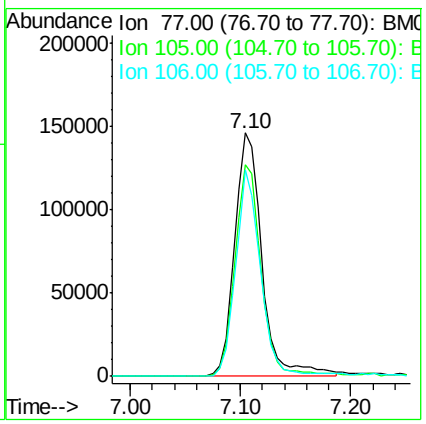


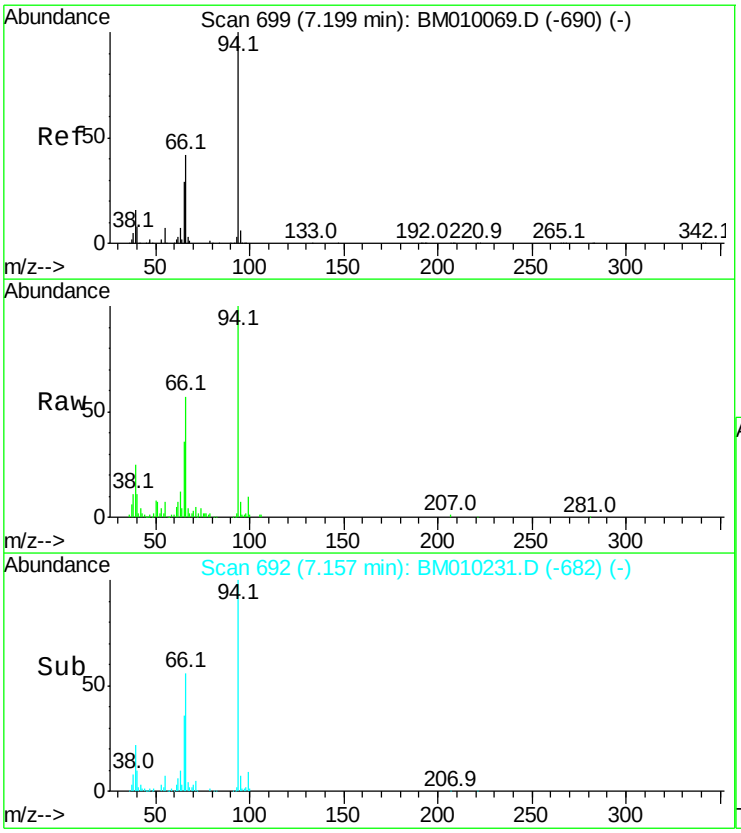

#9
Benzaldehyde
Concen: 41.71 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 254213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.0 | 78.8 | 118.8 |
| 106 | 84.6 | 73.7 | 113.7 |

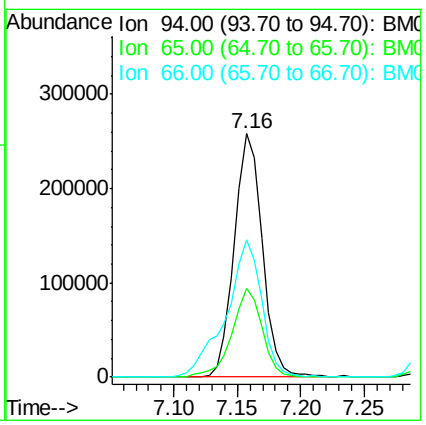


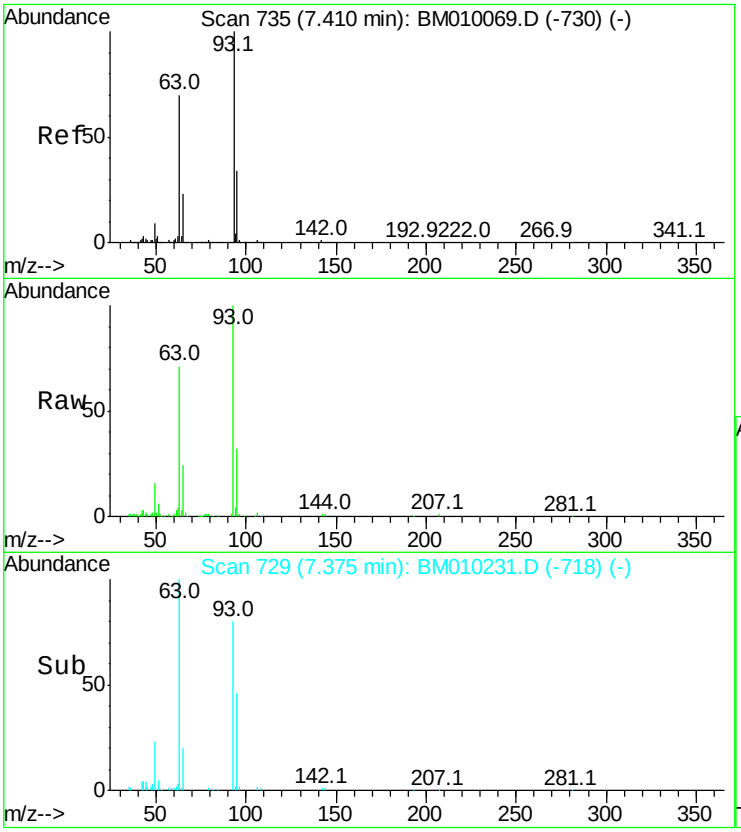




#10
Phenol
Concen: 38.32 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 94 Resp: 395328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.4 | 18.8 | 58.8 |
| 66 | 56.6 | 39.9 | 79.9 |



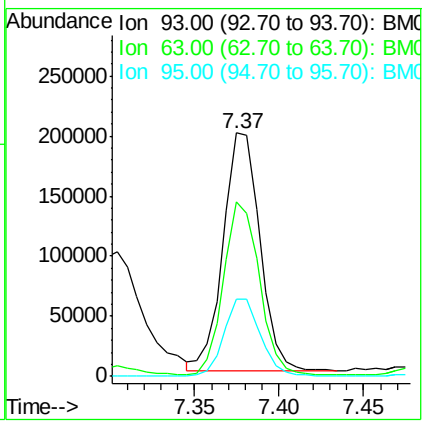


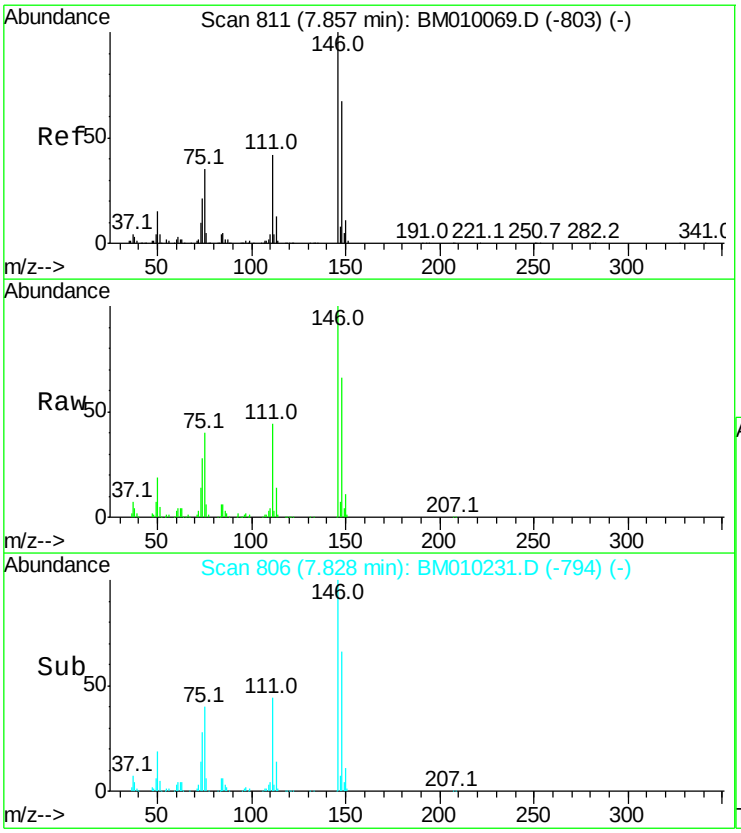

#11
bis(2-Chloroethyl)ether
Concen: 38.90 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 93 Resp: 299185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.5 | 49.5 | 89.5 |
| 95 | 31.7 | 13.5 | 53.5 |

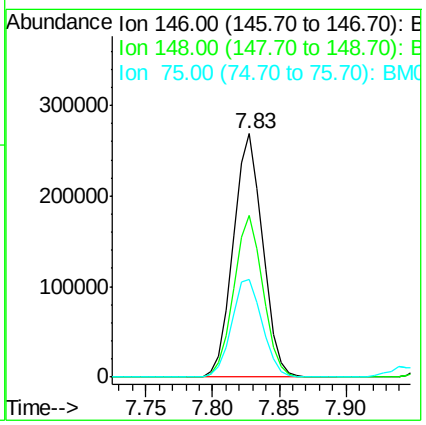


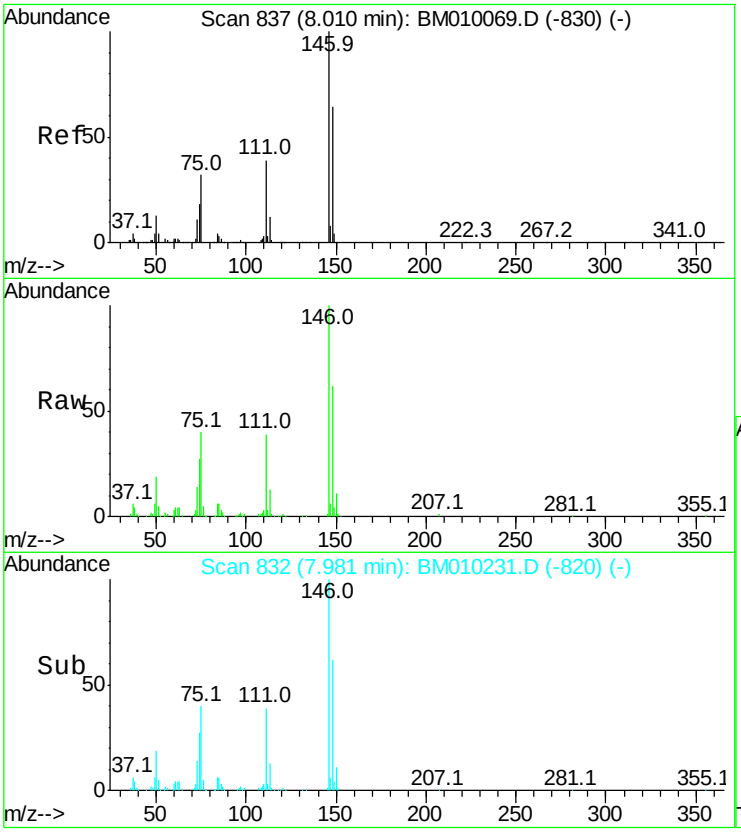




#12
1,3-Dichlorobenzene
Concen: 39.09 ng
RT: 7.83 min Scan# 806
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:146 Resp: 411227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.3 | 50.9 | 76.3 |
| 75 | 40.0 | 21.4 | 32.2# |

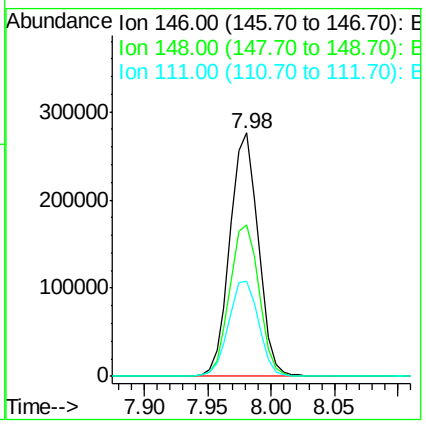




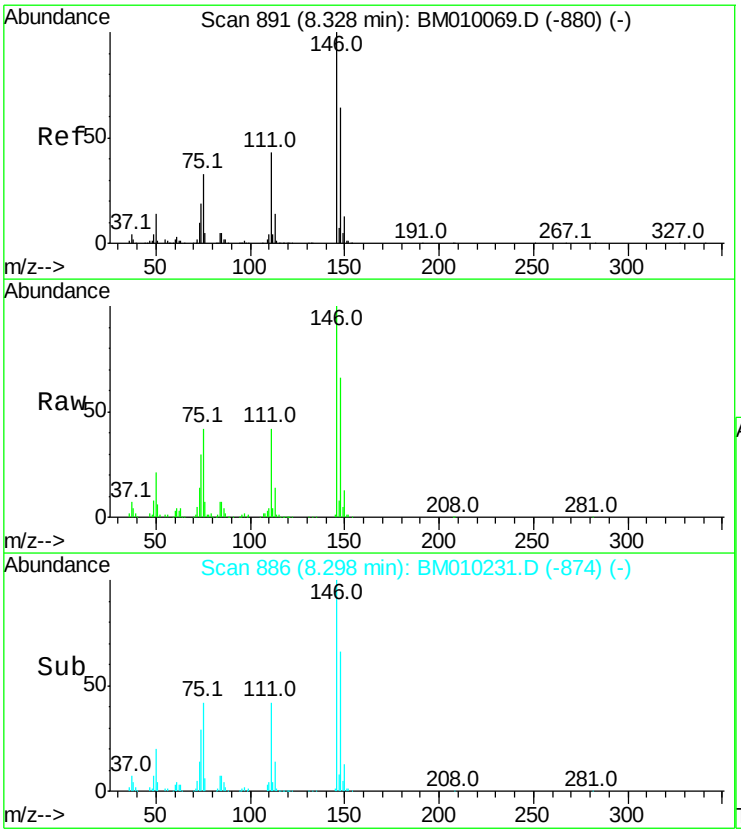

#13
1,4-Dichlorobenzene
Concen: 39.36 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:146 Resp: 425319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 51.9 | 77.9 |
| 111 | 39.1 | 29.2 | 43.8 |



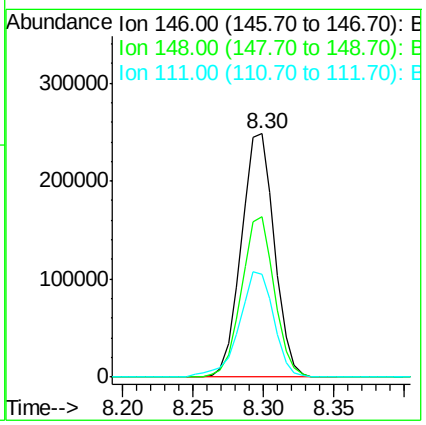

**Instrument :**
BNA_M
**ClientSampleId :**

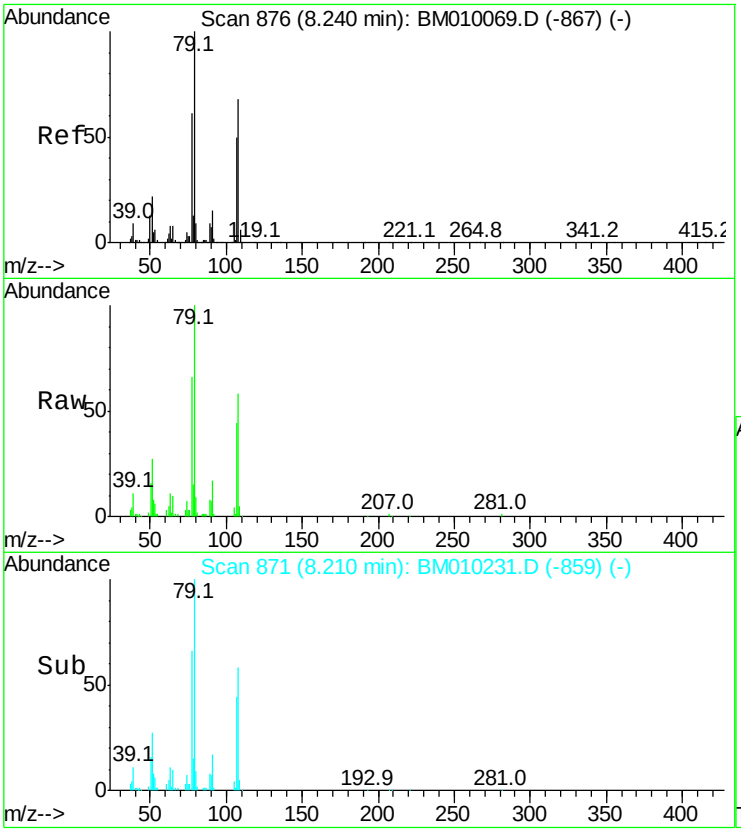



#14
1,2-Dichlorobenzene
Concen: 39.38 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:146 Resp: 408543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 52.3 | 78.5 |
| 111 | 42.1 | 30.6 | 45.8 |



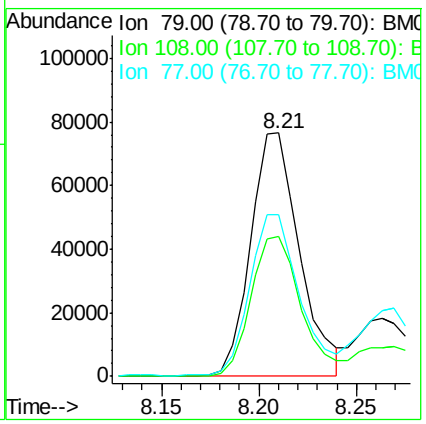


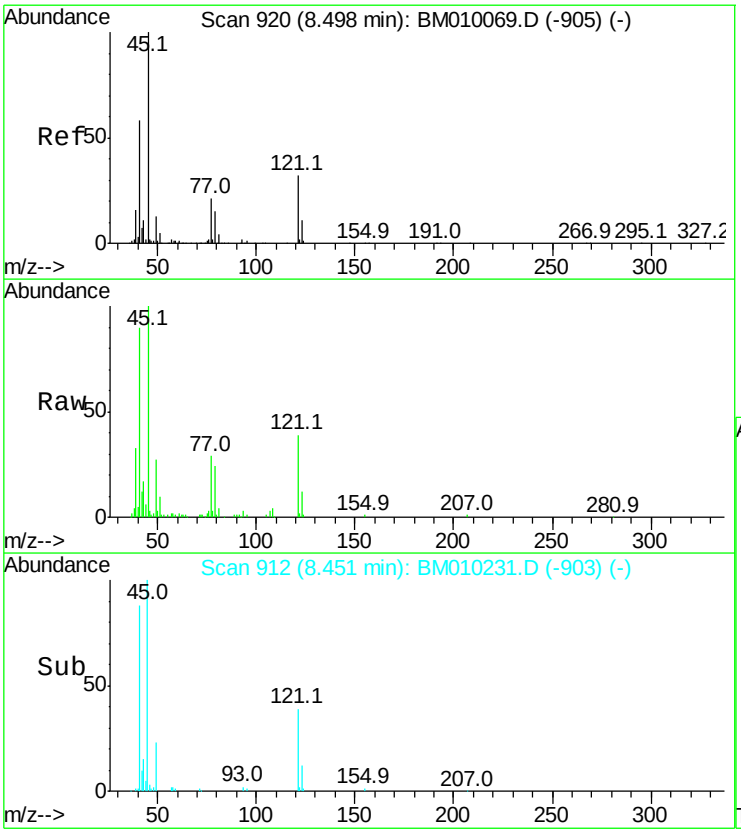

#15
Benzyl Alcohol
Concen: 17.99 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 133276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 57.5 | 65.0 | 97.4# |
| 77 | 66.3 | 53.0 | 79.6 |

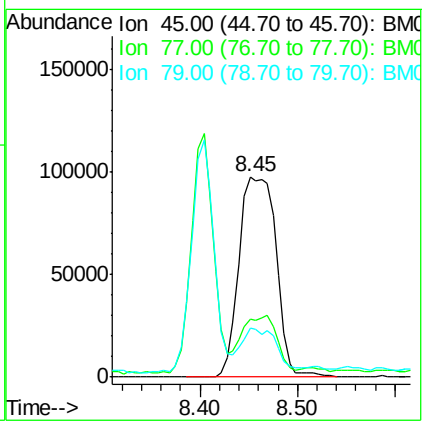


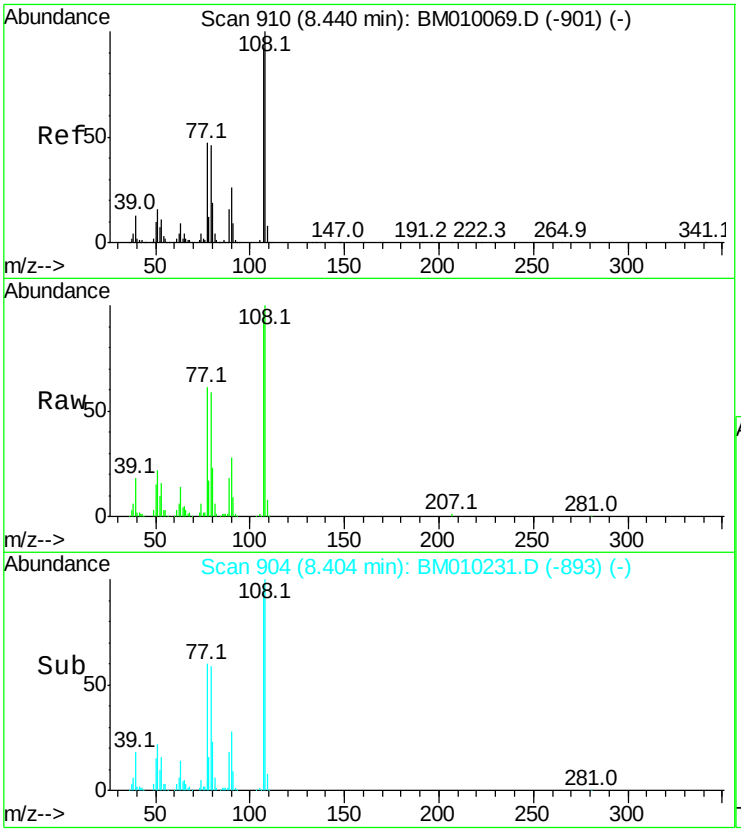




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.29 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.05 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 45 Resp: 259299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 28.9 | 0.0 | 35.2 |
| 79 | 24.4 | 0.0 | 32.0 |



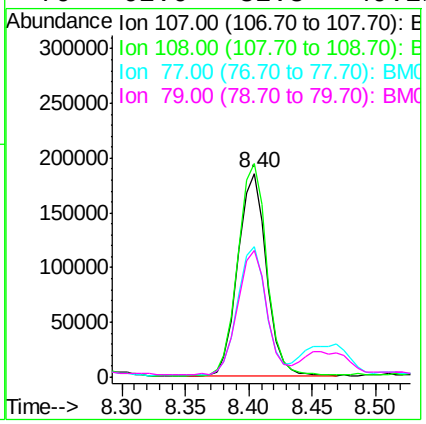


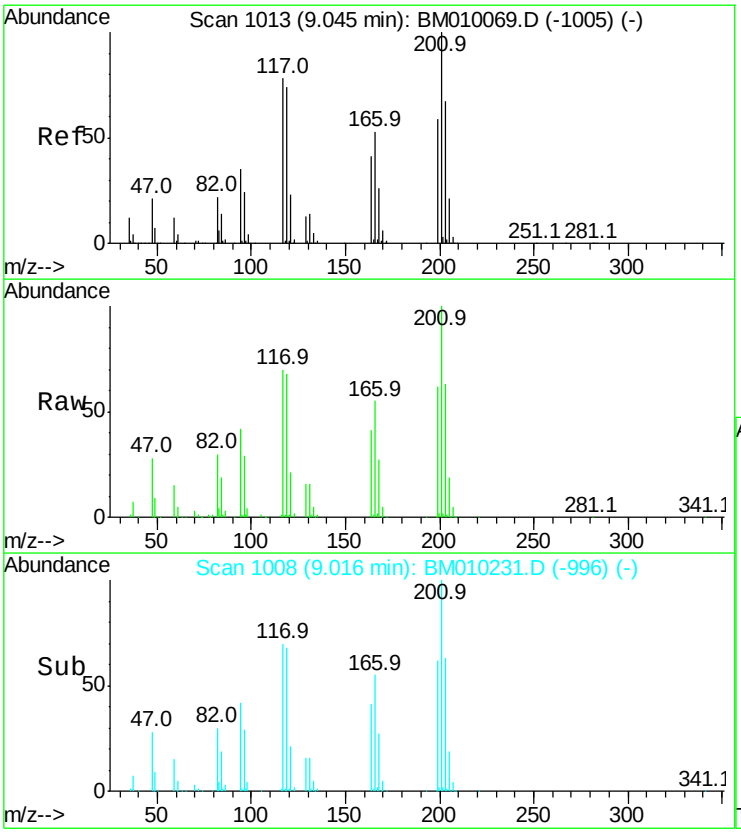

#17
2-Methylphenol
Concen: 39.46 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:107 Resp: 289679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 104.7 | 89.8 | 134.8 |
| 77 | 63.7 | 32.6 | 48.8# |
| 79 | 62.0 | 32.8 | 49.2# |

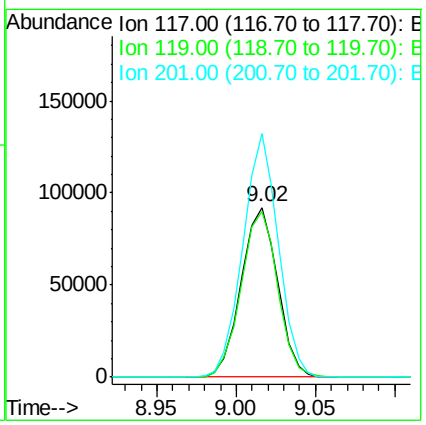


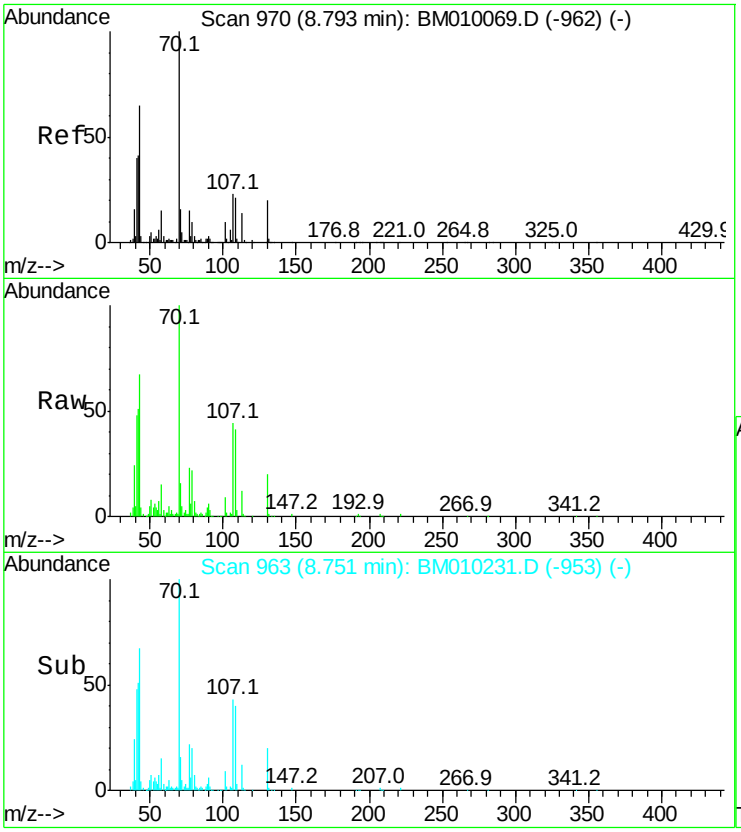




#18
Hexachloroethane
Concen: 42.01 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:117 Resp: 147158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 79.2 | 118.8 |
| 201 | 143.5 | 69.8 | 104.6# |



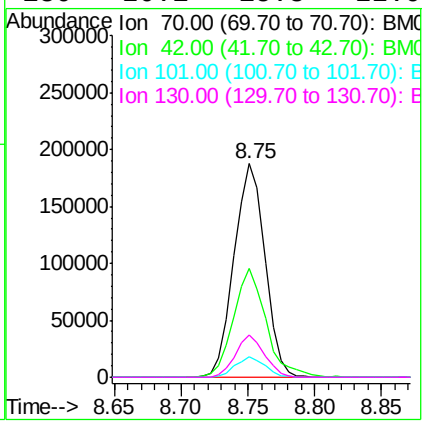


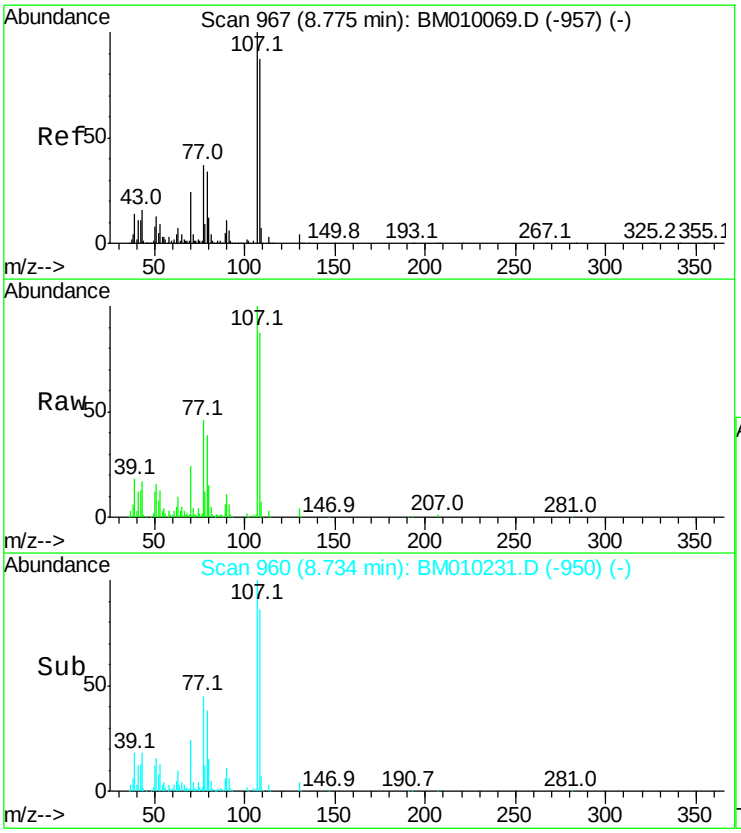

#19
n-Nitroso-di-n-propylamine
Concen: 43.69 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 70 Resp: 301895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.8 | 44.5 | 66.7 |
| 101 | 9.3 | 7.4 | 11.2 |
| 130 | 20.1 | 15.3 | 22.9 |

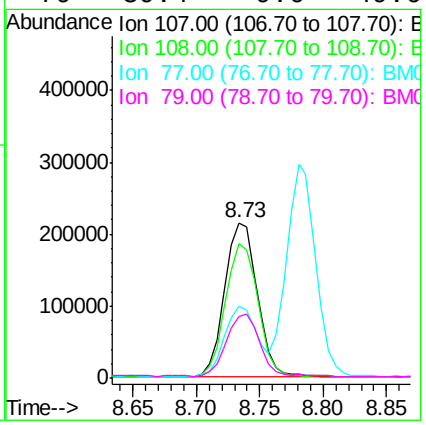


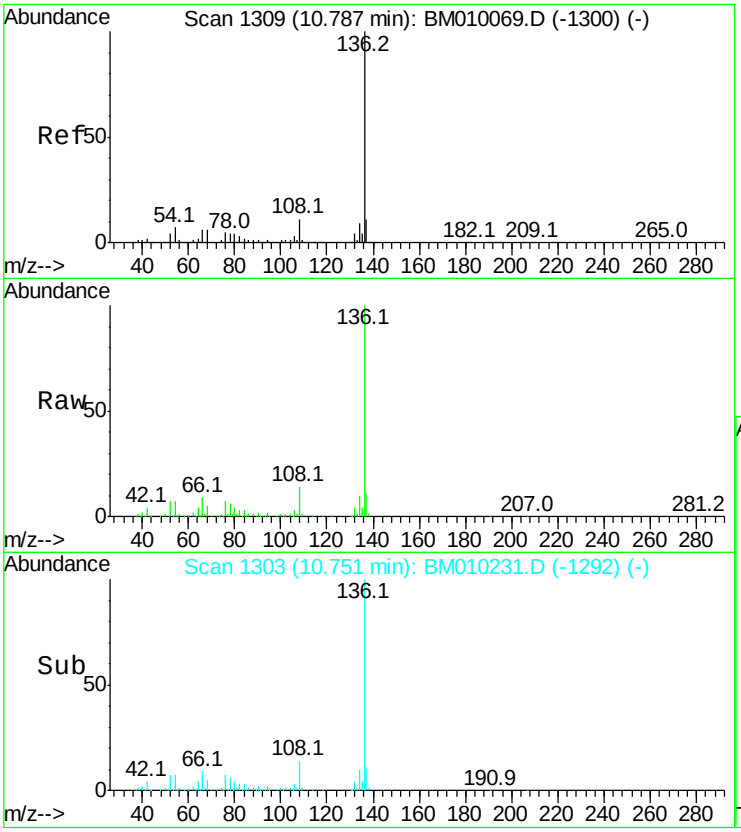




#20
3+4-Methylphenols
Concen: 38.88 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:107 Resp: 385540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.6 | 73.2 | 113.2 |
| 77 | 46.3 | 10.7 | 50.7 |
| 79 | 39.4 | 9.6 | 49.6 |



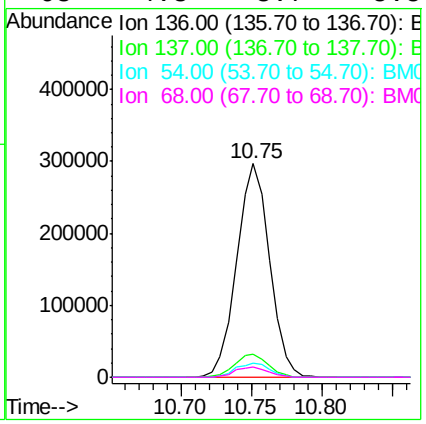


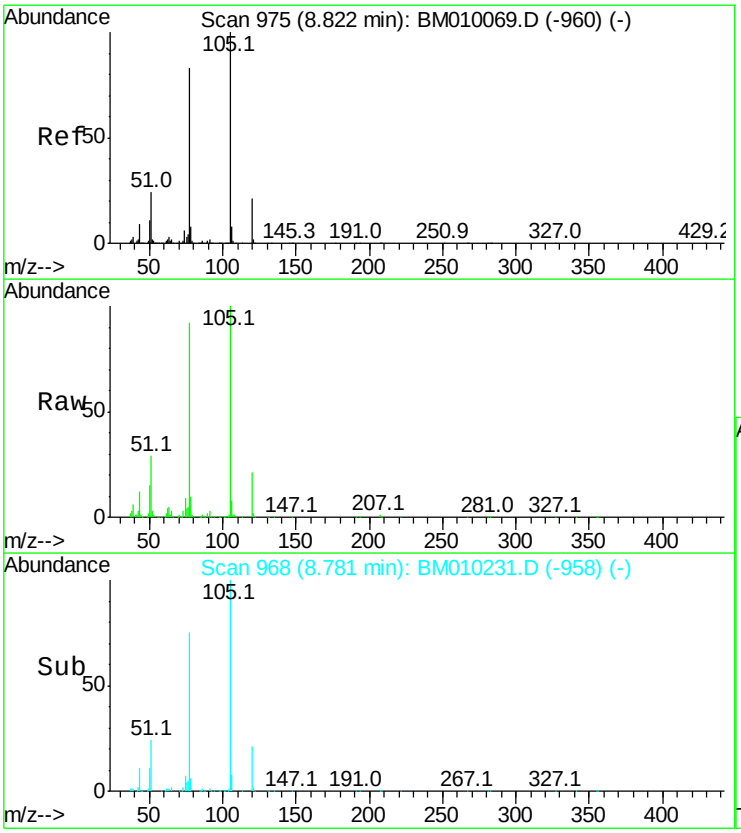

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:136 Resp: 483157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.7 | 13.1 |
| 54 | 6.7 | 4.6 | 6.8 |
| 68 | 4.8 | 3.7 | 5.5 |

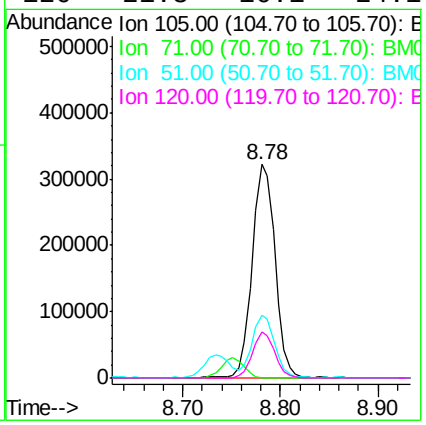


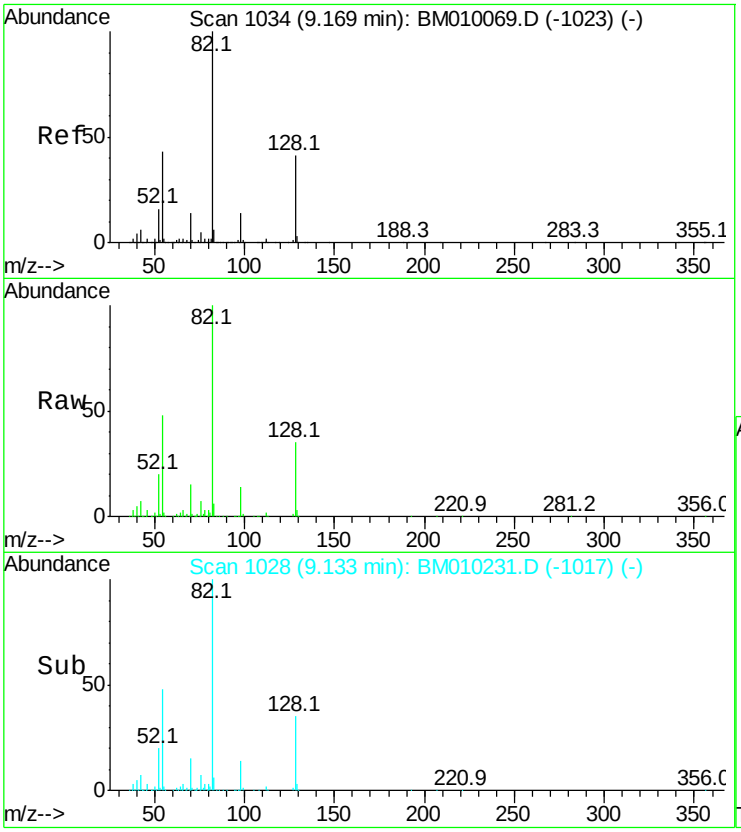




#22
Acetophenone
Concen: 42.93 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:105 Resp: 531674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.2 | 0.6 | 1.0# |
| 51 | 29.4 | 21.6 | 32.4 |
| 120 | 21.3 | 16.1 | 24.1 |



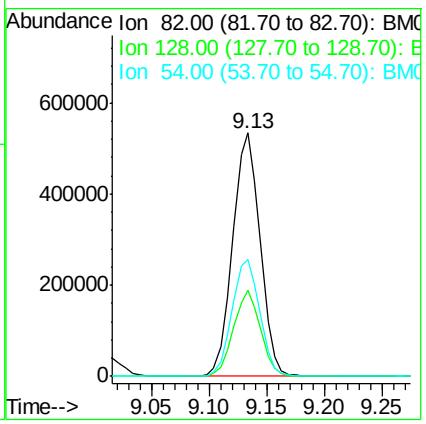


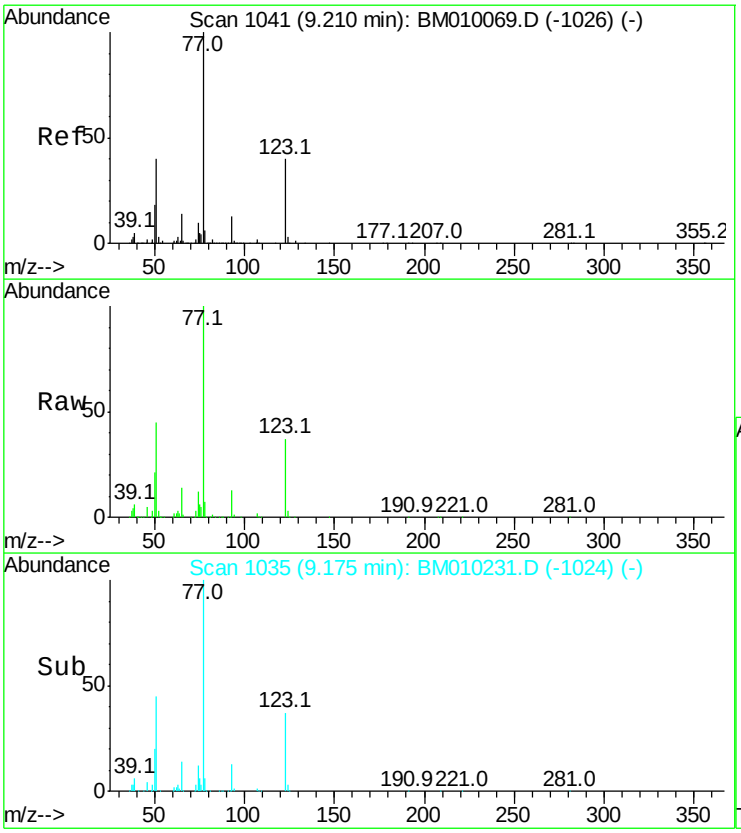

#23
Nitrobenzene-d5
Concen: 98.04 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 877966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.4 | 32.8 | 49.2 |
| 54 | 48.3 | 40.6 | 60.8 |

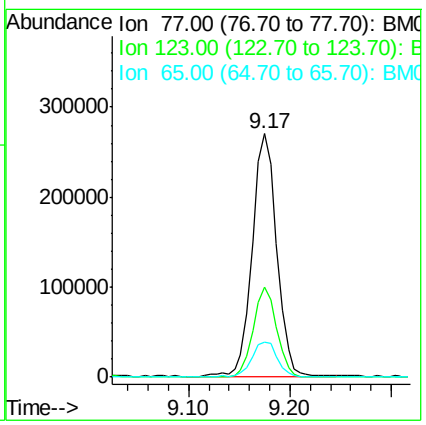


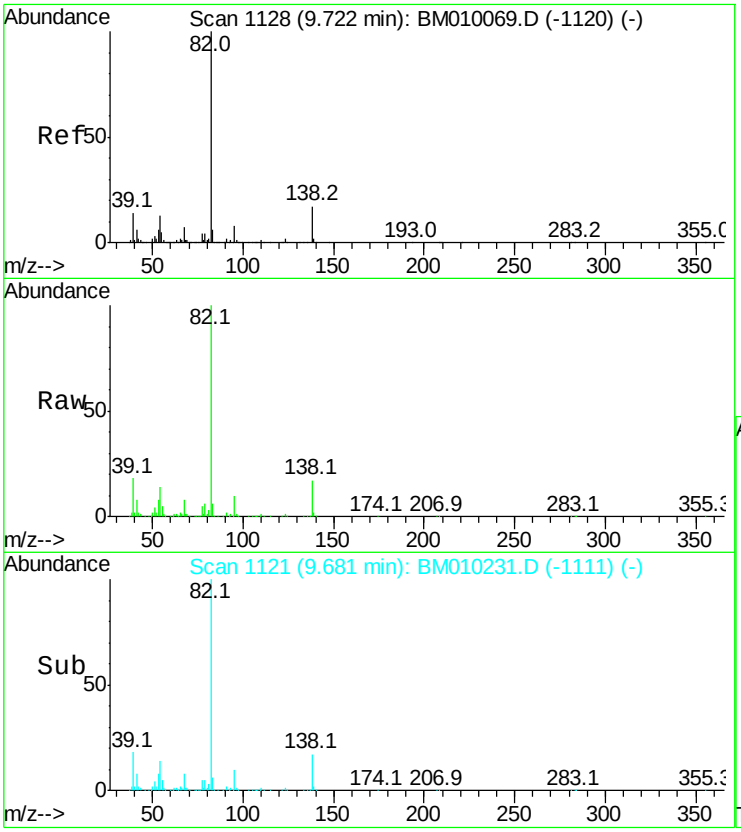




#24
Nitrobenzene
Concen: 49.00 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 77 Resp: 452039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.1 | 32.6 | 49.0 |
| 65 | 14.4 | 10.9 | 16.3 |



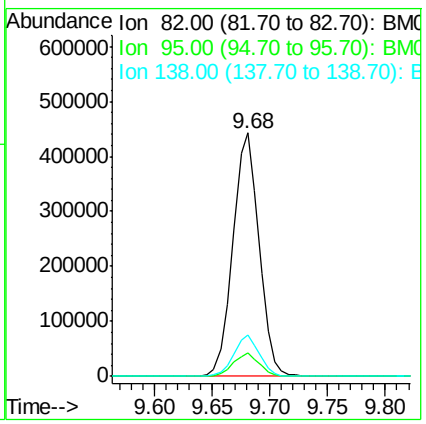


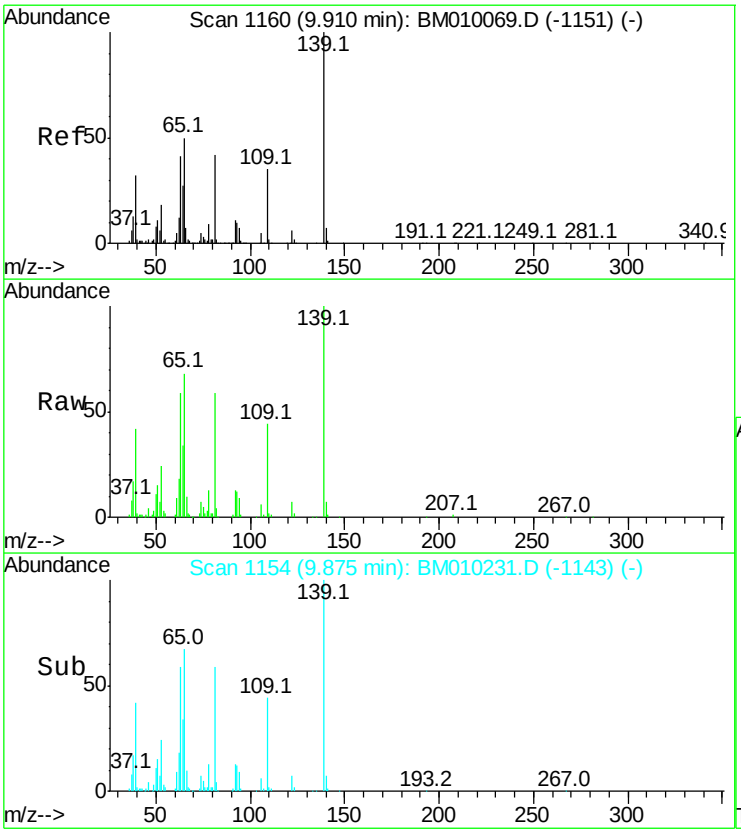

#25
Isophorone
Concen: 44.93 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 695199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.7 | 5.8 | 8.6# |
| 138 | 16.8 | 16.3 | 24.5 |

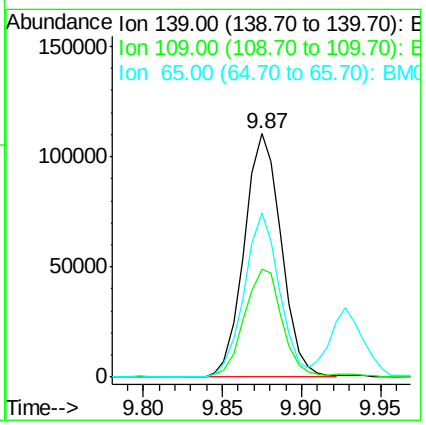


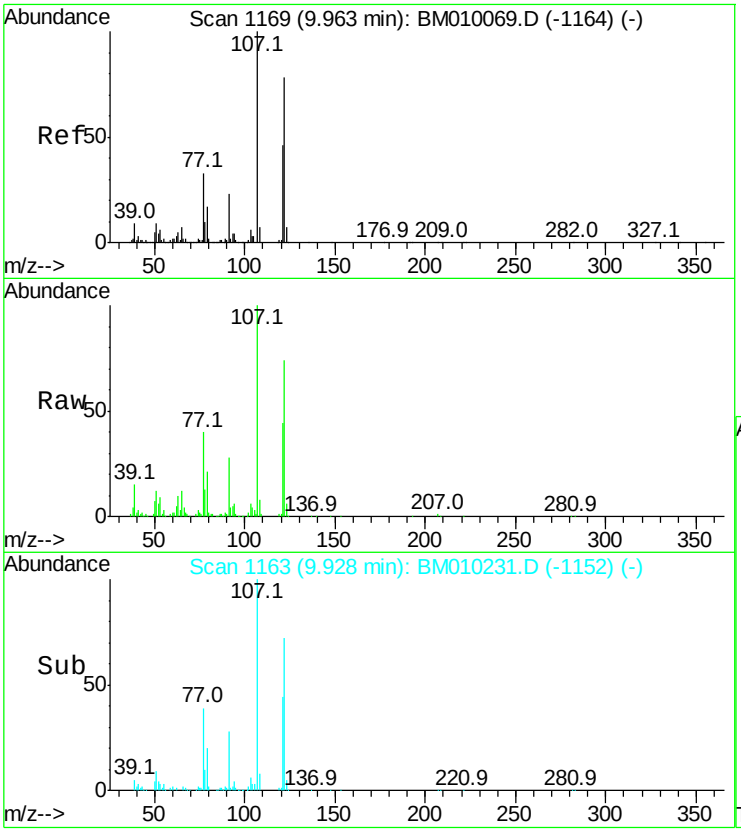




#26
2-Nitrophenol
Concen: 46.08 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:139 Resp: 179188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 44.5 | 20.1 | 30.1# |
| 65 | 67.7 | 31.5 | 47.3# |



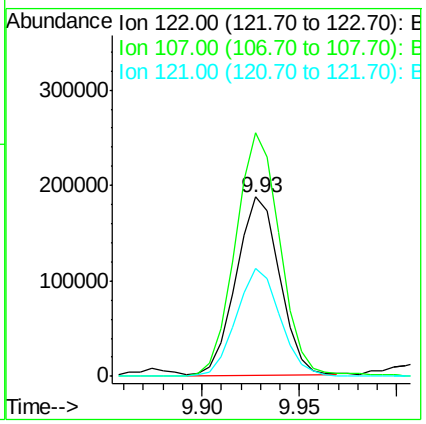


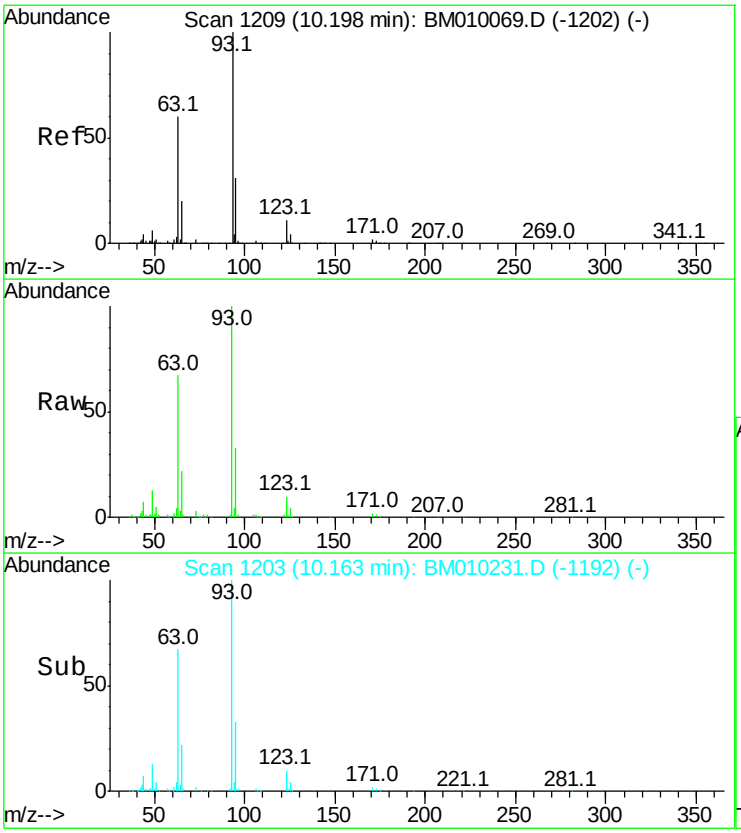

#27
2,4-Dimethylphenol
Concen: 40.88 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:122 Resp: 287071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 135.8 | 84.7 | 127.1# |
| 121 | 60.4 | 46.6 | 69.8 |

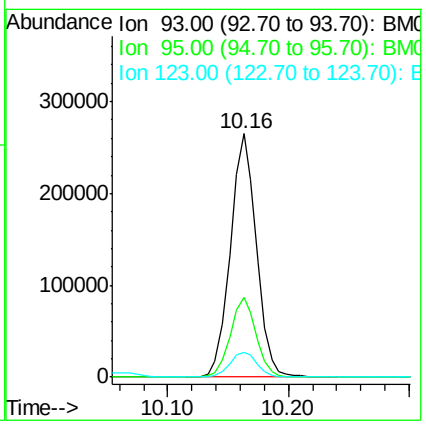


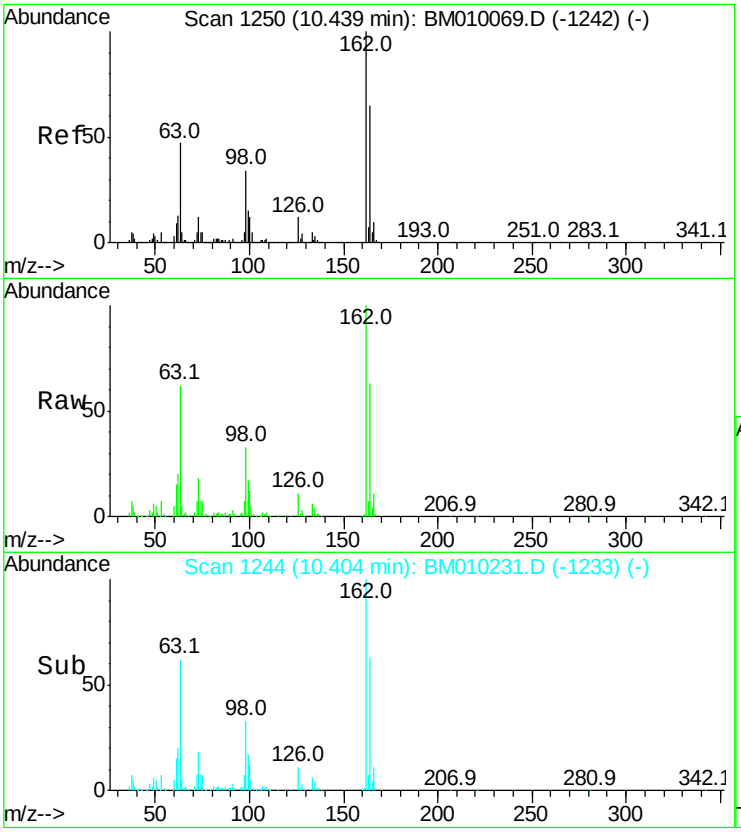




#28
bis(2-Chloroethoxy)methane
Concen: 40.51 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 93 Resp: 397884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 25.5 | 38.3 |
| 123 | 10.0 | 8.6 | 13.0 |



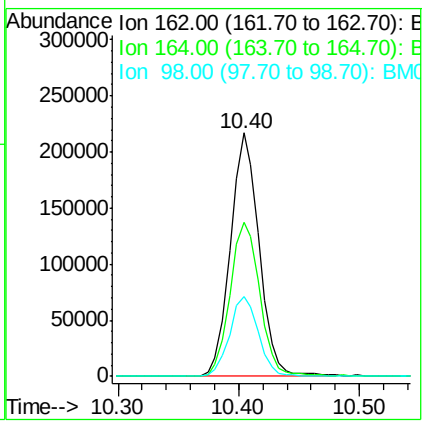


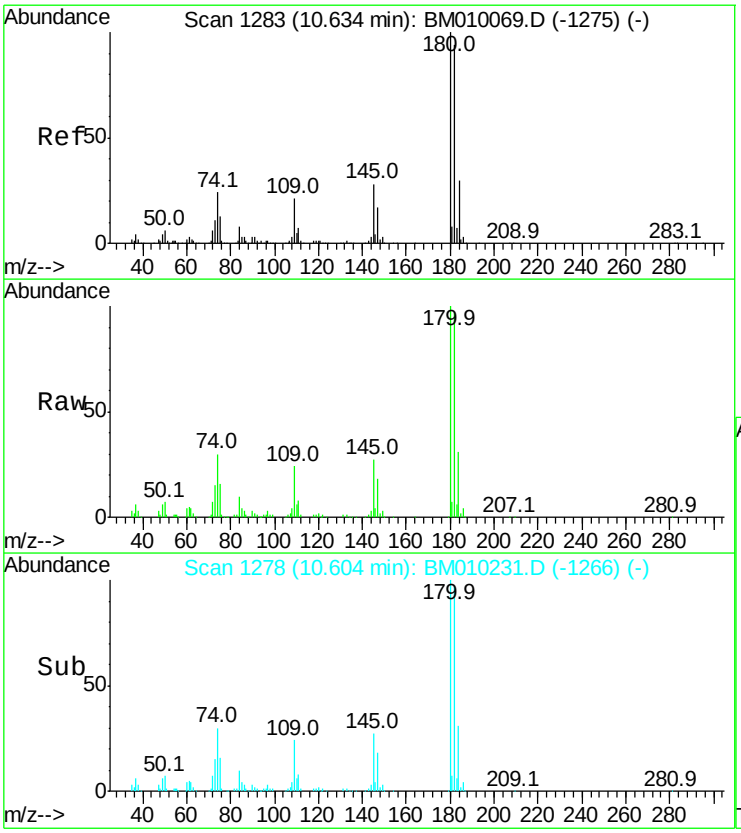

#29
2,4-Dichlorophenol
Concen: 44.66 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:162 Resp: 361068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.1 | 42.8 | 82.8 |
| 98 | 33.0 | 14.5 | 54.5 |

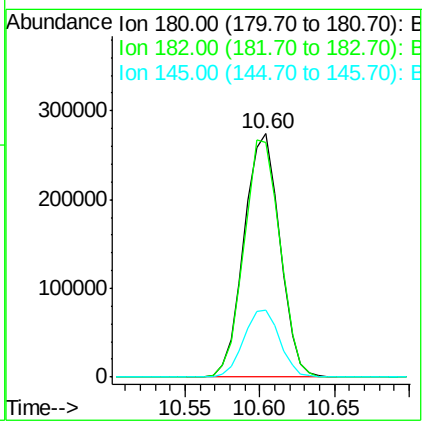


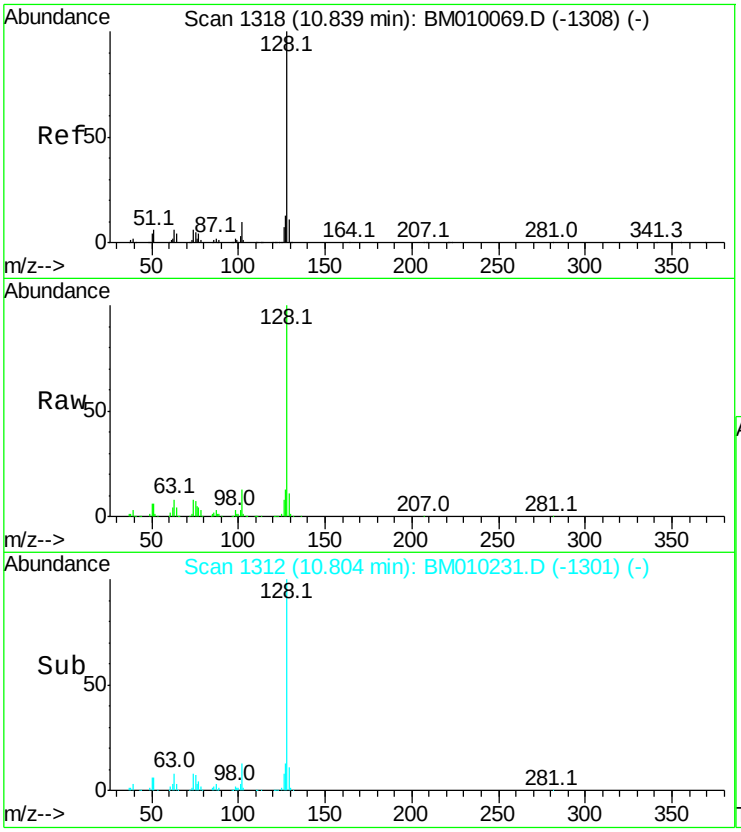




#30
1,2,4-Trichlorobenzene
Concen: 43.44 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:180 Resp: 454339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 77.6 | 116.4 |
| 145 | 27.3 | 23.4 | 35.2 |



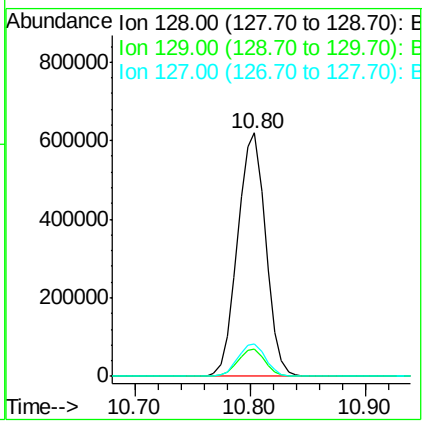


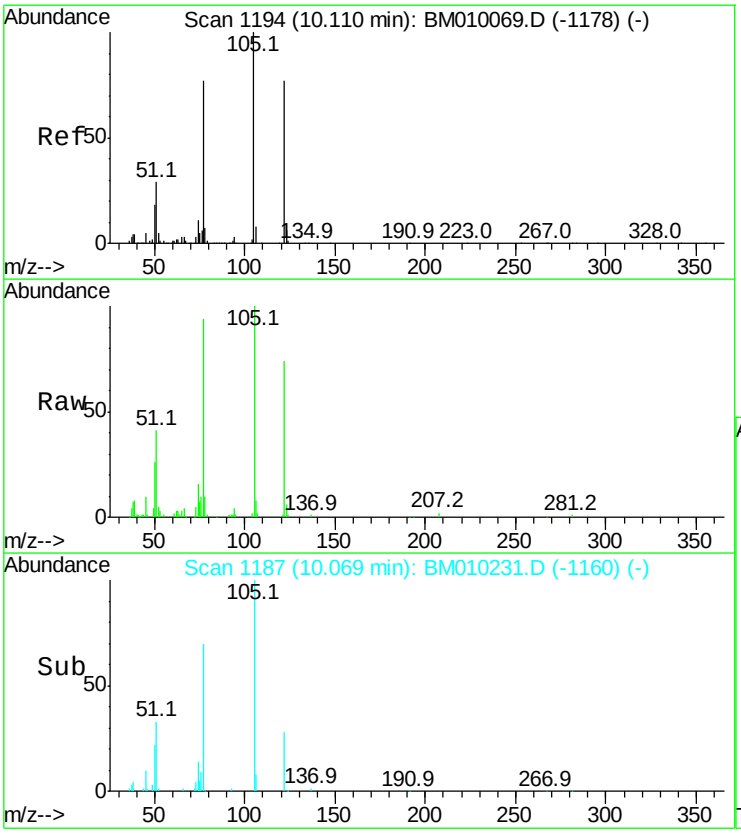

#31
Naphthalene
Concen: 40.46 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:128 Resp: 1045729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.9 | 13.3 |
| 127 | 13.1 | 10.4 | 15.6 |

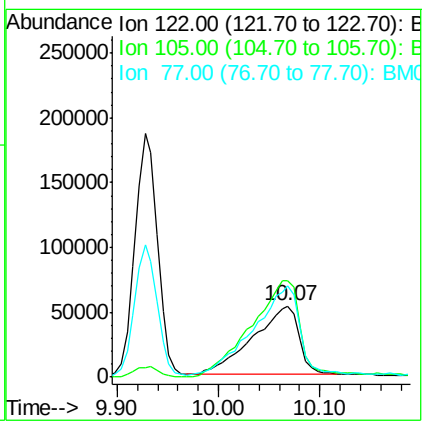


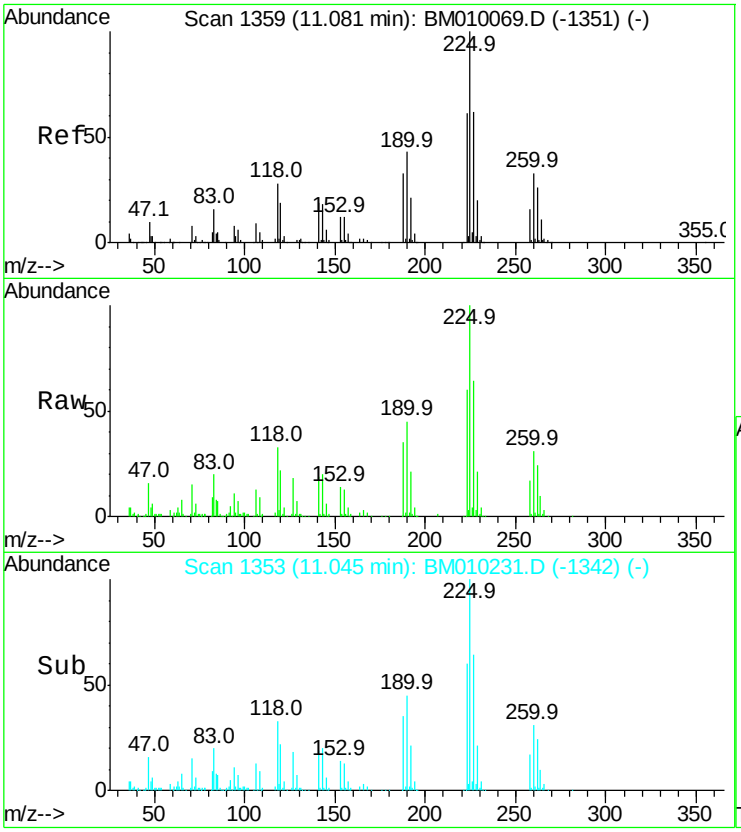




#32
Benzoic acid
Concen: 35.33 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:122 Resp: 169057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 136.0 | 99.9 | 139.9 |
| 77 | 128.1 | 73.7 | 113.7# |



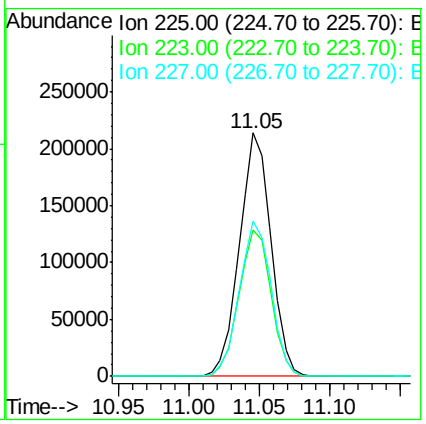


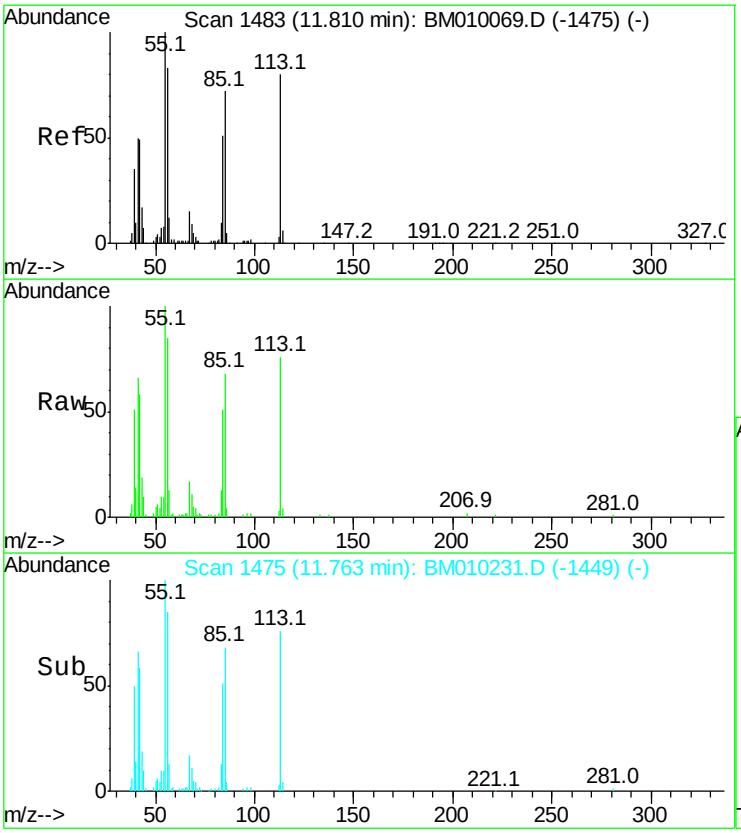

#34
Hexachlorobutadiene
Concen: 47.93 ng
RT: 11.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:225 Resp: 334422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.0 | 47.9 | 71.9 |
| 227 | 63.8 | 50.1 | 75.1 |

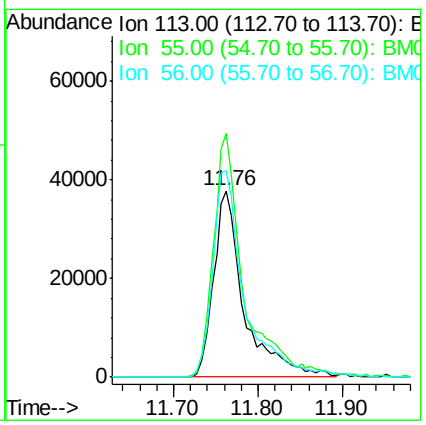


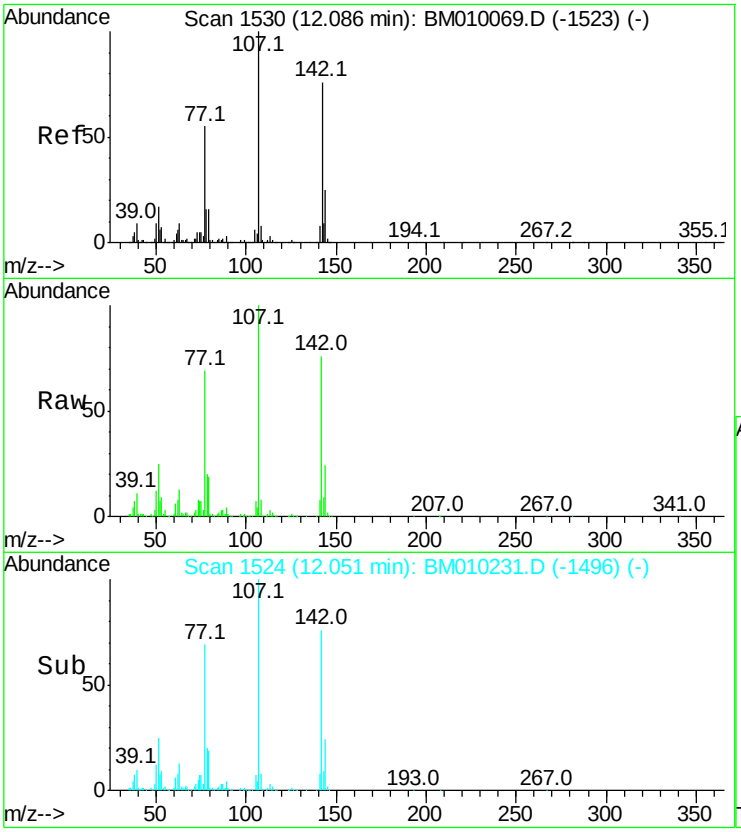




#35
Caprolactam
Concen: 40.91 ng
RT: 11.76 min Scan# 1475
Delta R.T. -0.05 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:113 Resp: 94905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 130.8 | 145.9 | 185.9# |
| 56 | 110.9 | 101.0 | 141.0 |



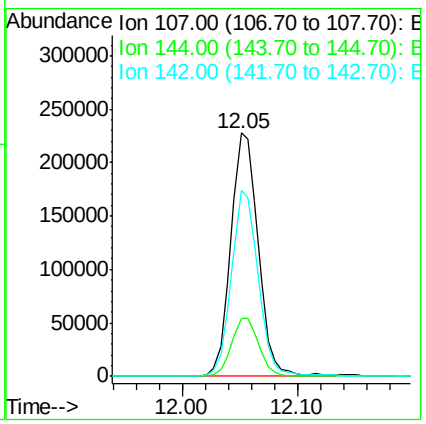


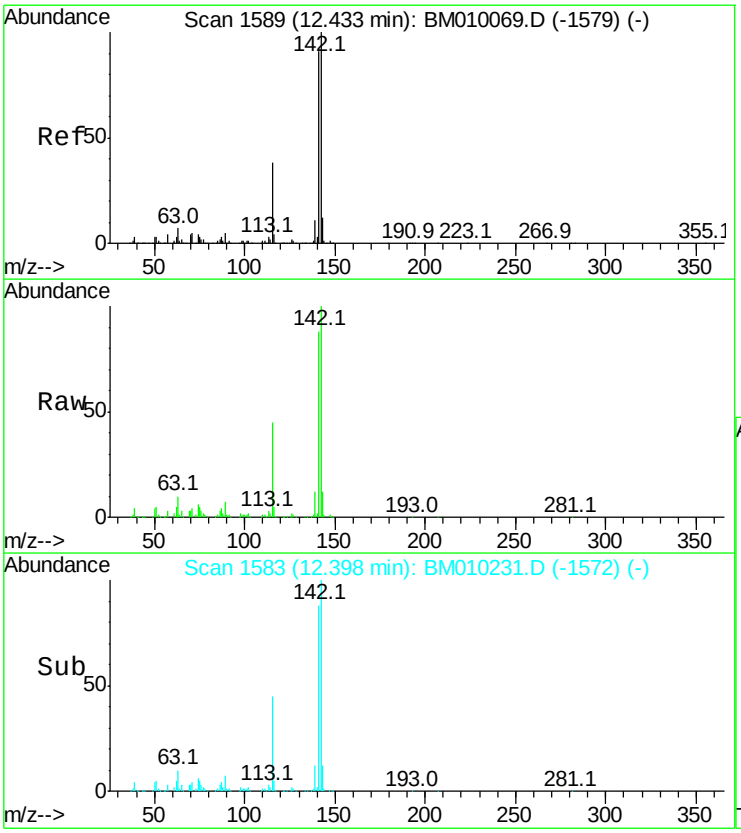

#36
4-Chloro-3-methylphenol
Concen: 42.85 ng
RT: 12.05 min Scan# 1524
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:107 Resp: 375197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.6 | 23.3 | 34.9 |
| 142 | 76.2 | 72.6 | 109.0 |

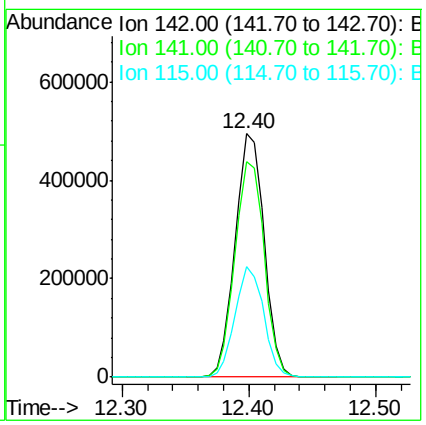


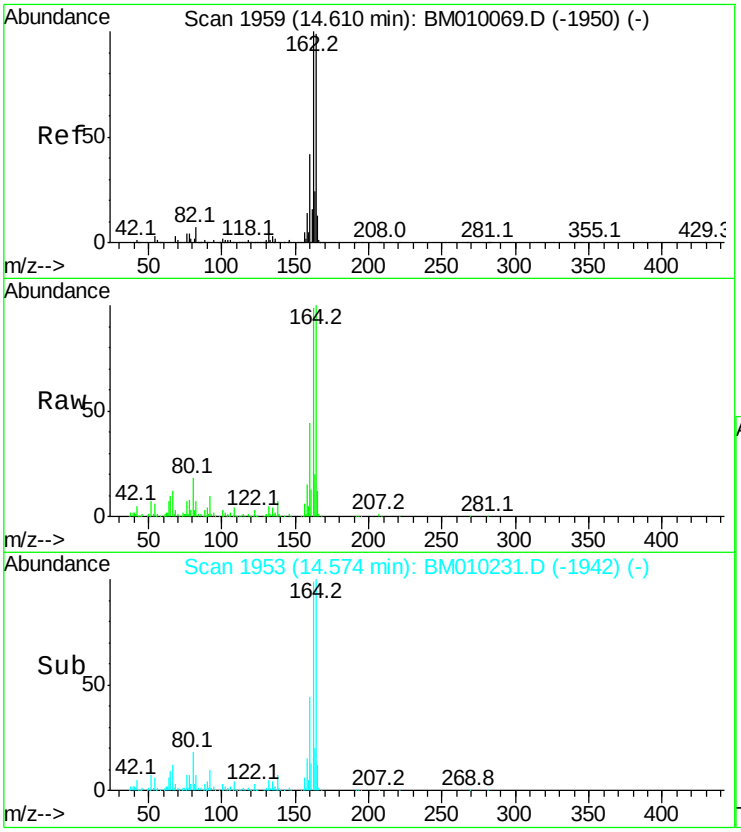




#37
2-Methylnaphthalene
Concen: 42.29 ng
RT: 12.40 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:142 Resp: 787019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.9 | 107.9 |
| 115 | 45.3 | 25.4 | 38.0# |



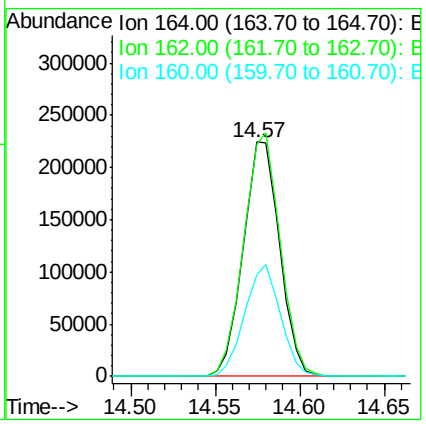


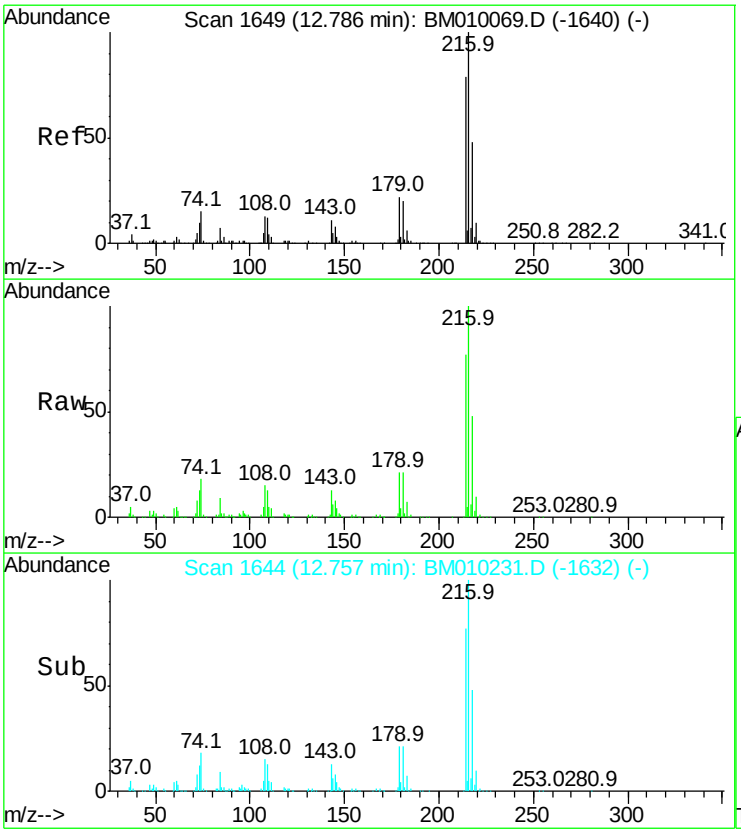

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:164 Resp: 337839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 82.4 | 123.6 |
| 160 | 43.6 | 35.8 | 53.6 |

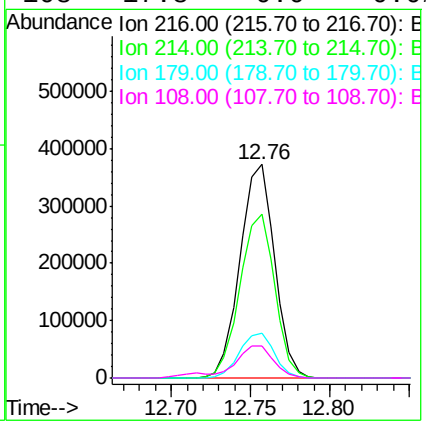


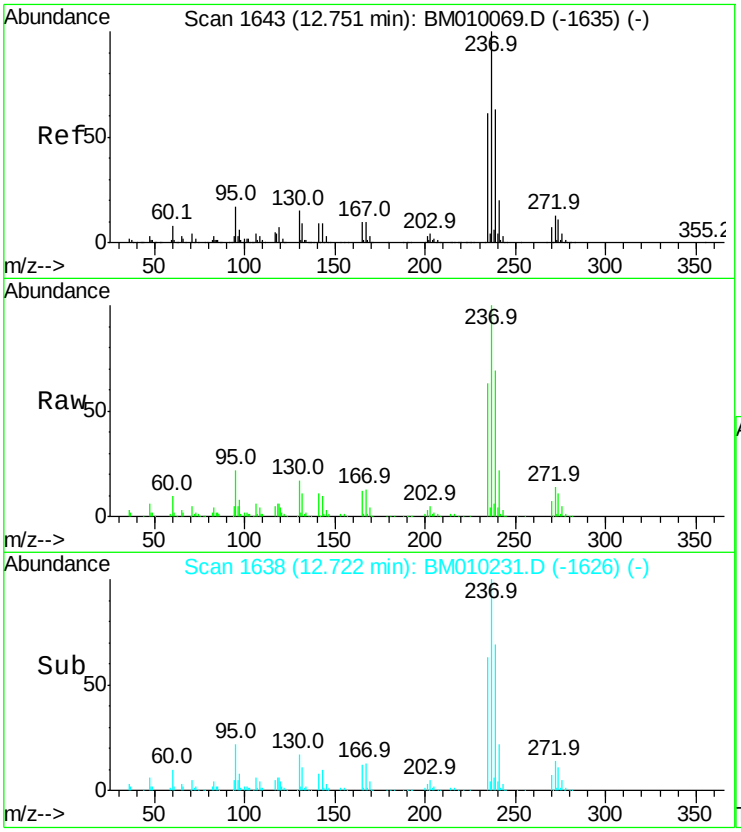




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.54 ng
RT: 12.76 min Scan# 1644
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:216 Resp: 565601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.3 | 0.0 | 0.0# |
| 179 | 21.0 | 0.0 | 0.0# |
| 108 | 17.8 | 0.0 | 0.0# |



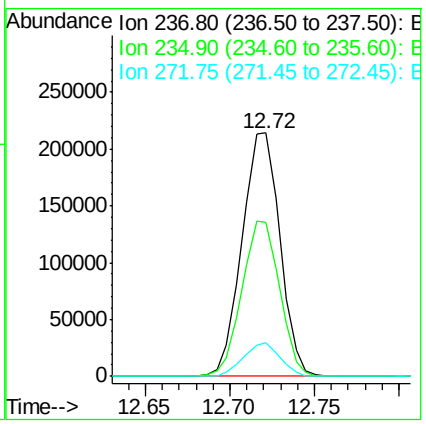


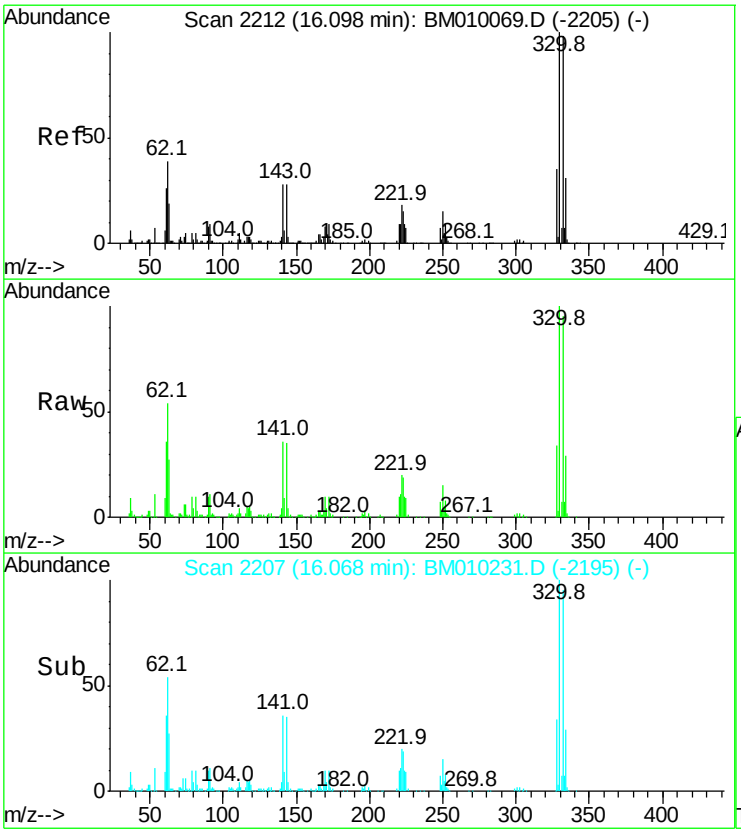

#40
Hexachlorocyclopentadiene
Concen: 44.70 ng
RT: 12.72 min Scan# 1638
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:237 Resp: 335325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 42.0 | 82.0 |
| 272 | 13.8 | 0.0 | 33.4 |

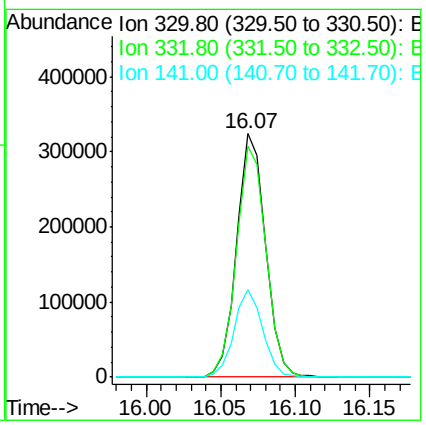


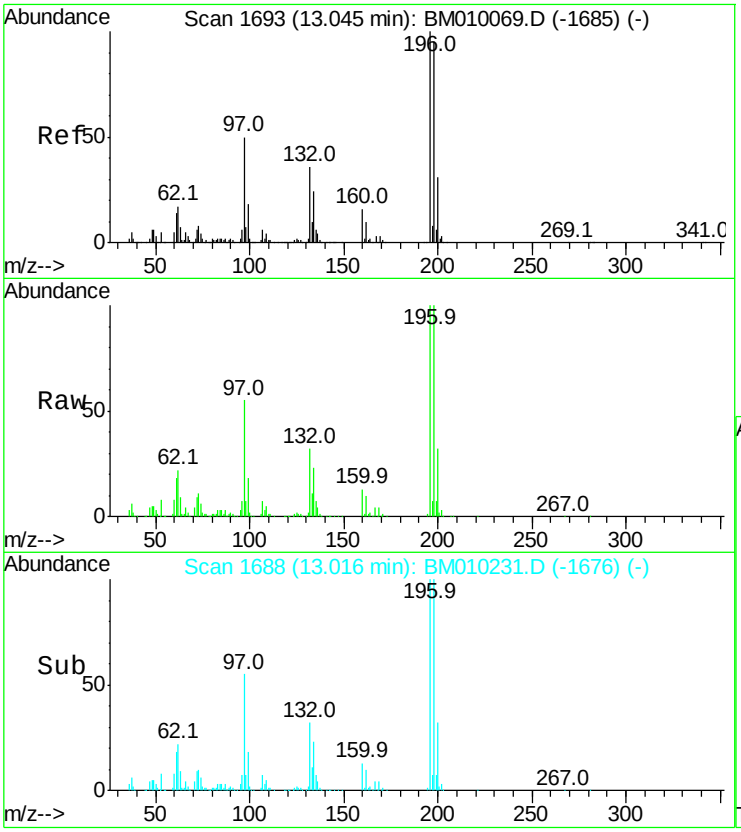




#41
2,4,6-Tribromophenol
Concen: 84.87 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:330 Resp: 435484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 0.0 | 0.0# |
| 141 | 35.9 | 0.0 | 0.0# |



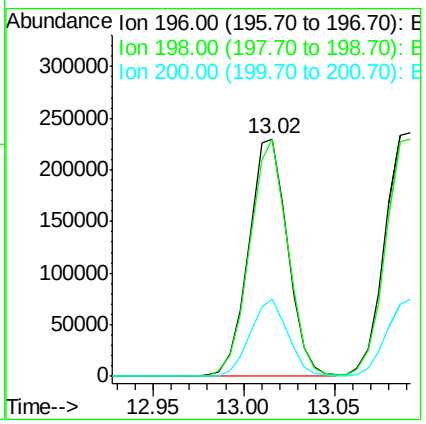


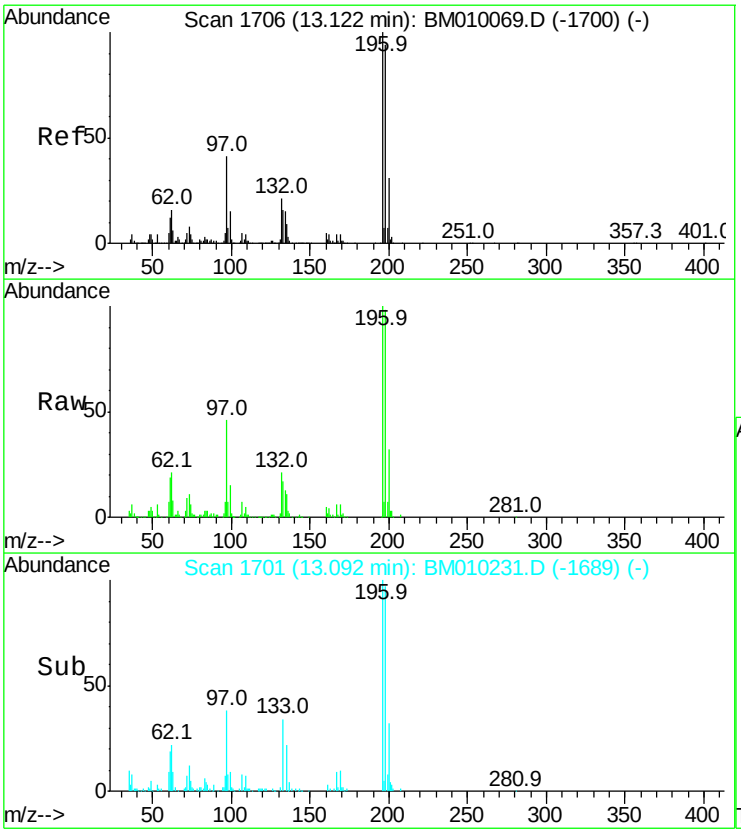

#42
2,4,6-Trichlorophenol
Concen: 44.93 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:196 Resp: 343769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.8 | 76.3 | 114.5 |
| 200 | 32.4 | 25.6 | 38.4 |

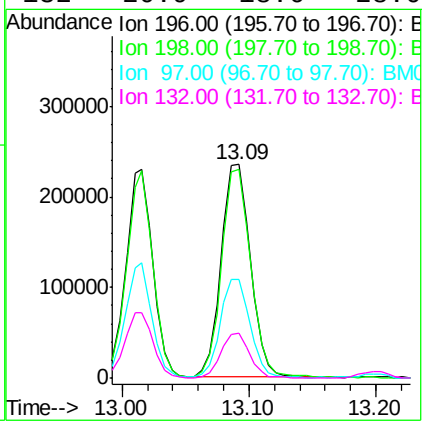


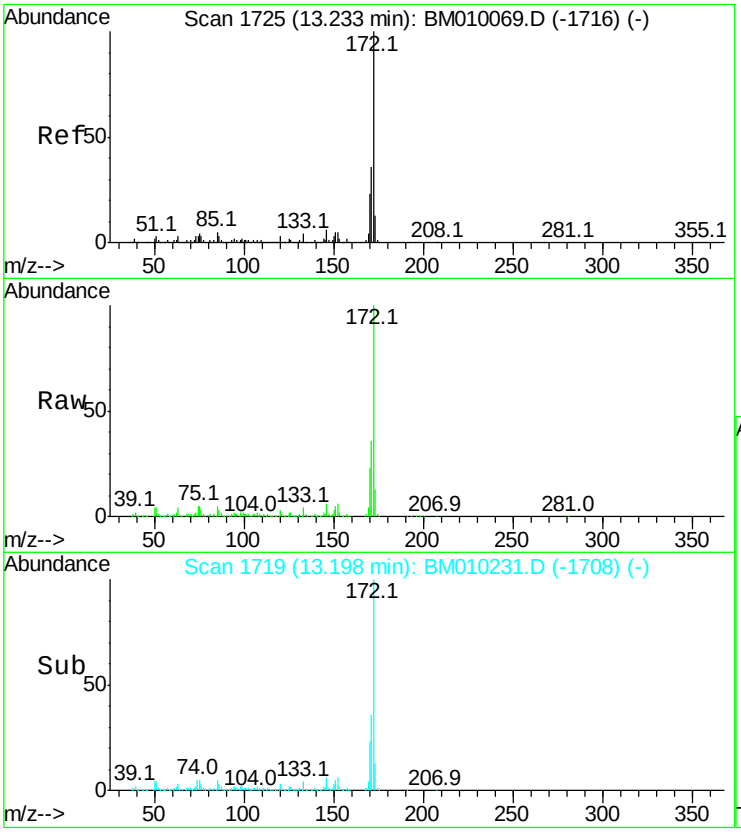




#43
2,4,5-Trichlorophenol
Concen: 44.60 ng
RT: 13.09 min Scan# 1701
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:196 Resp: 377132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.5 | 79.4 | 119.0 |
| 97 | 46.0 | 26.8 | 40.2# |
| 132 | 20.9 | 18.6 | 28.0 |



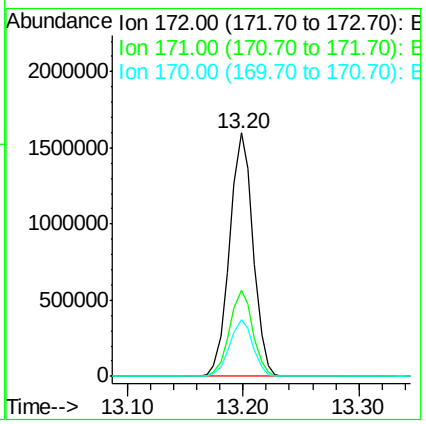


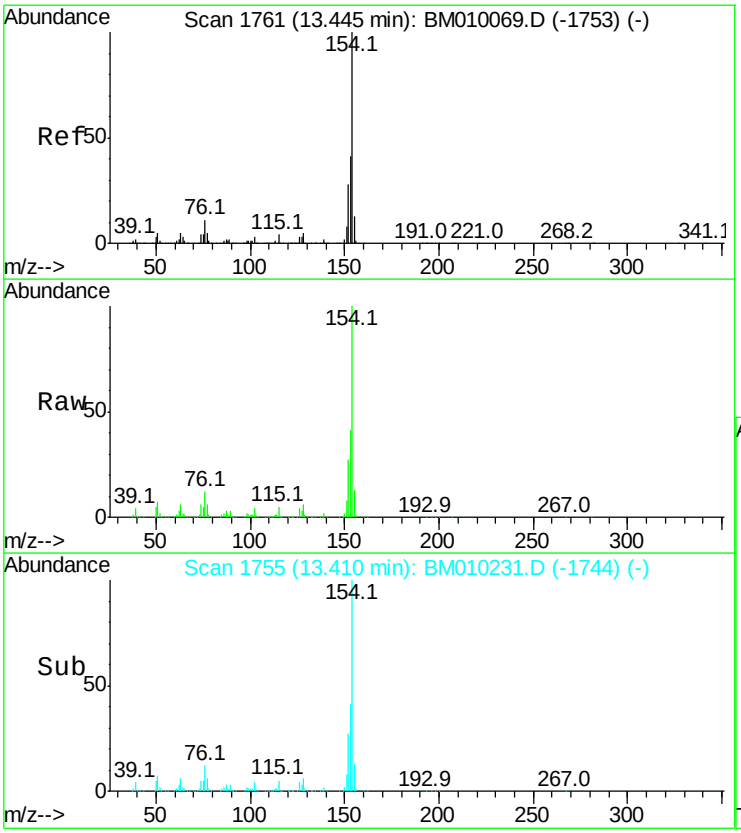

#44
2-Fluorobiphenyl
Concen: 85.45 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:172 Resp: 2245680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.5 | 42.7 |
| 170 | 23.4 | 18.8 | 28.2 |

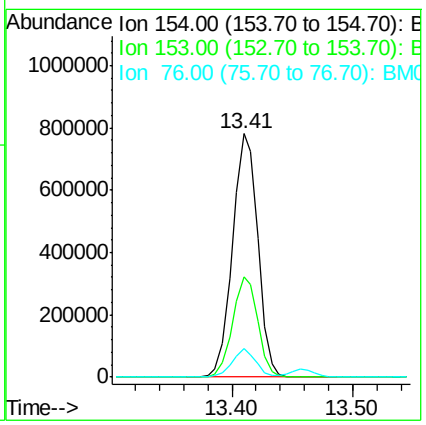


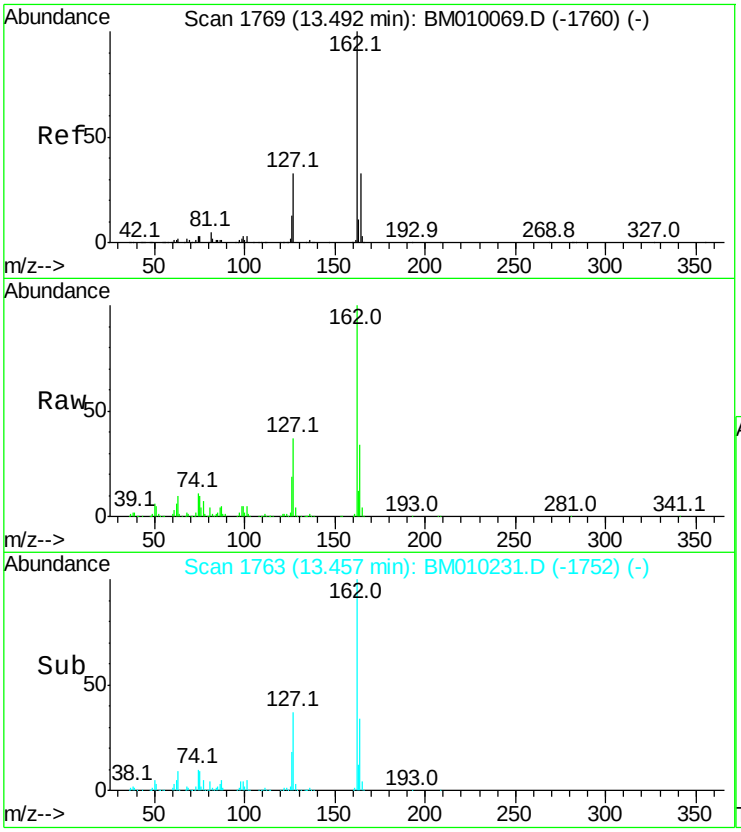




#45
1,1'-Biphenyl
Concen: 40.95 ng
RT: 13.41 min Scan# 1755
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:154 Resp: 1137639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.7 | 60.7 |
| 76 | 11.5 | 0.0 | 30.9 |



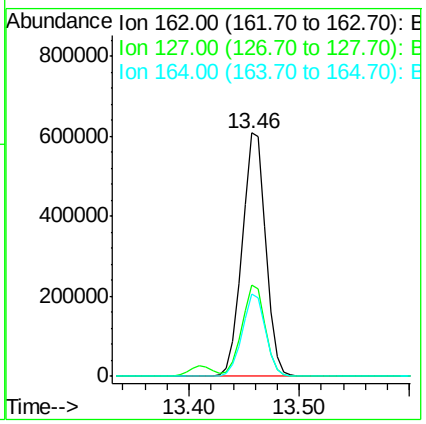


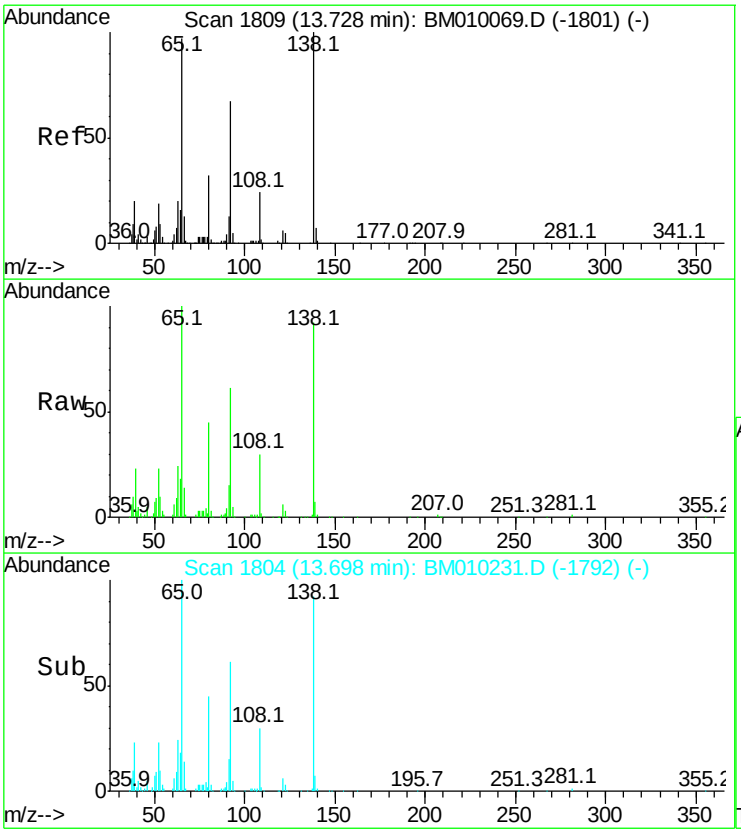

#46
2-Chloronaphthalene
Concen: 40.59 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:162 Resp: 913084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.3 | 26.9 | 40.3 |
| 164 | 33.8 | 26.8 | 40.2 |

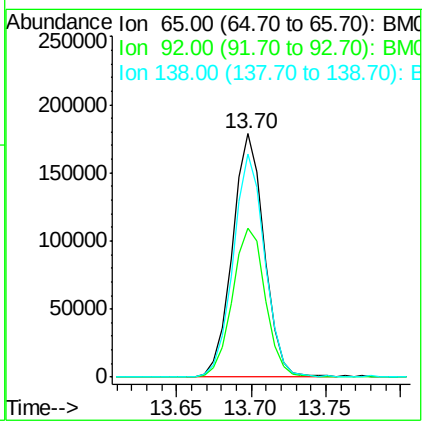


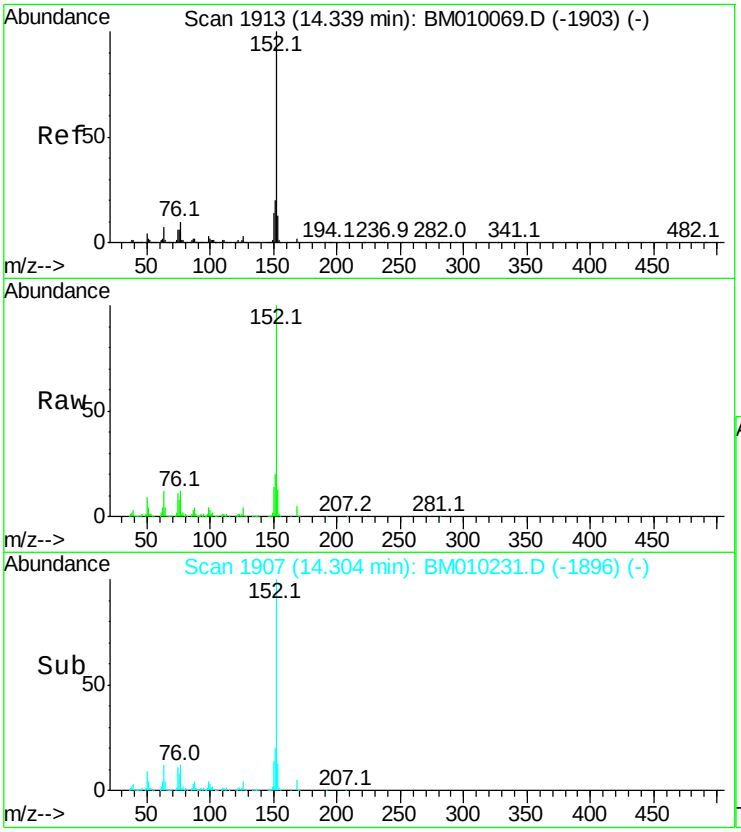




#47
2-Nitroaniline
Concen: 46.02 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion: 65 Resp: 266211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.4 | 59.1 | 88.7 |
| 138 | 91.7 | 93.9 | 140.9# |



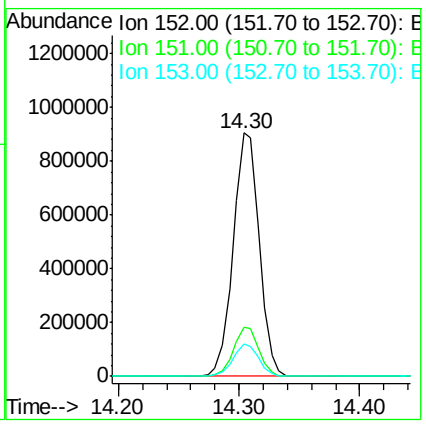


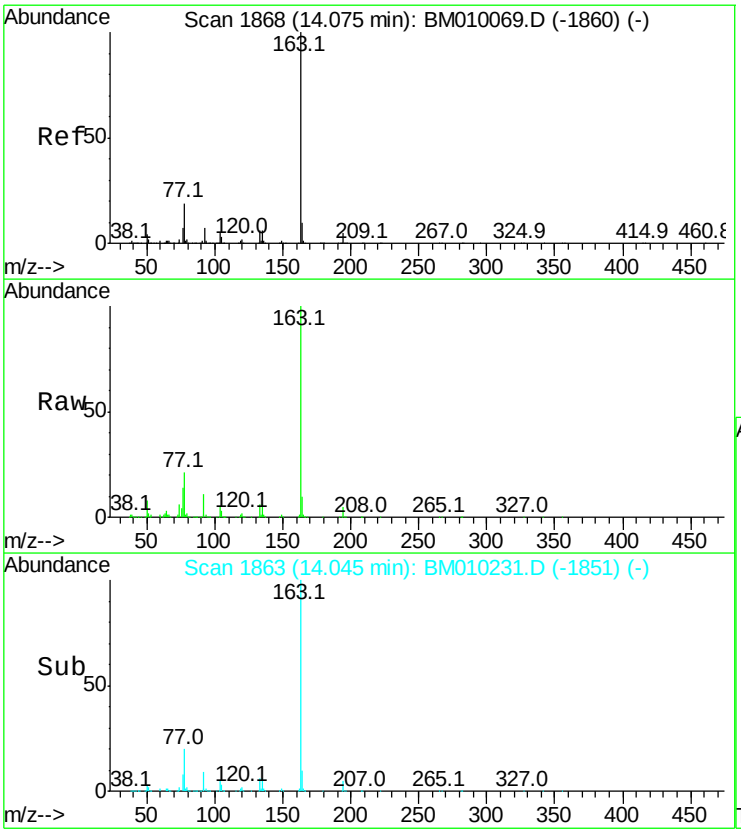

#48
Acenaphthylene
Concen: 40.81 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 1357320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.9 | 23.9 |
| 153 | 13.2 | 10.6 | 16.0 |

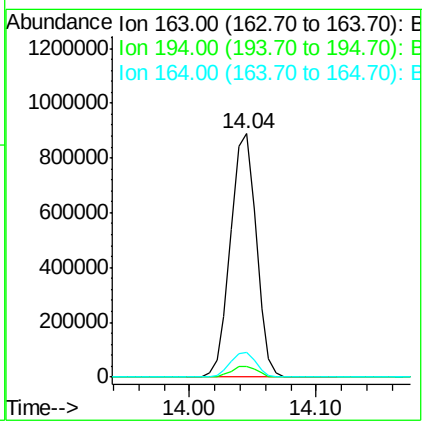


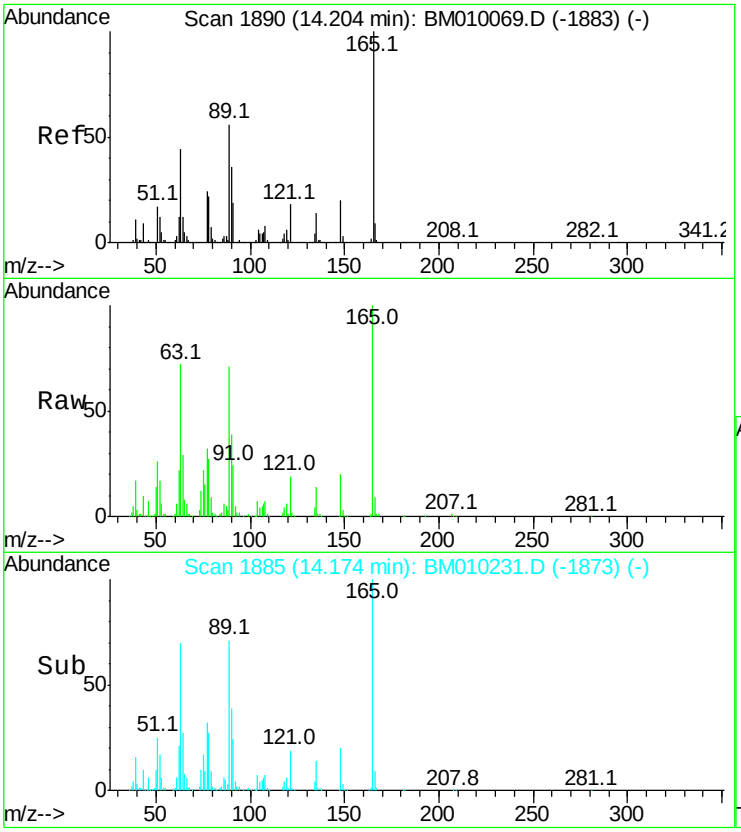




#49
Dimethylphthalate
Concen: 41.19 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:163 Resp: 1241315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 2.7 | 4.1# |
| 164 | 10.3 | 8.2 | 12.2 |



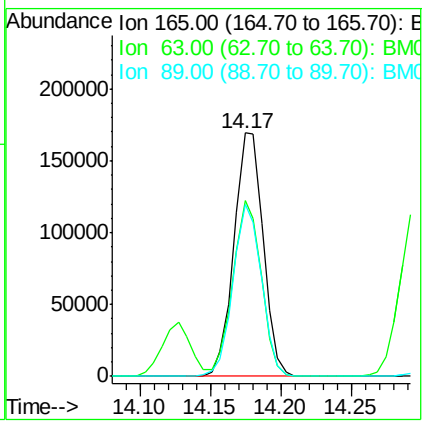


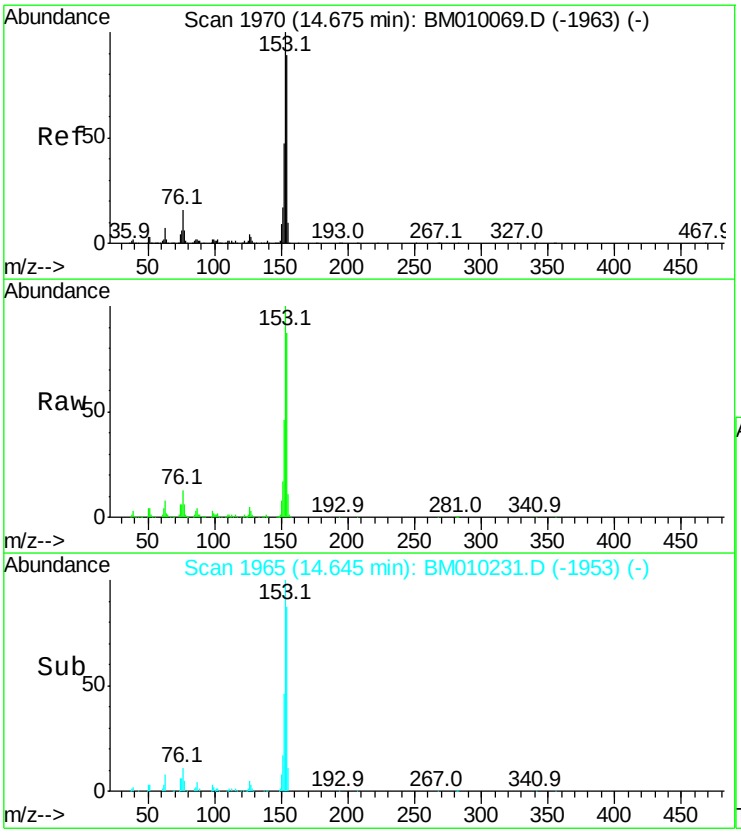

#50
2,6-Dinitrotoluene
Concen: 42.73 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:165 Resp: 244493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 72.3 | 44.1 | 66.1# |
| 89 | 70.5 | 44.3 | 66.5# |

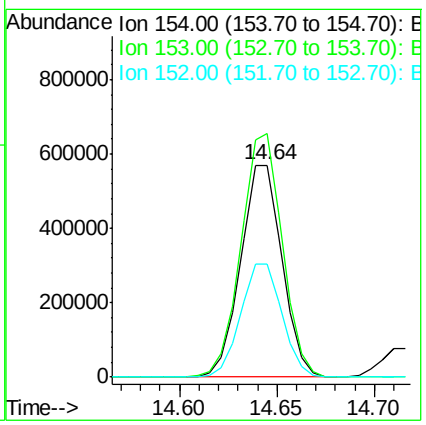


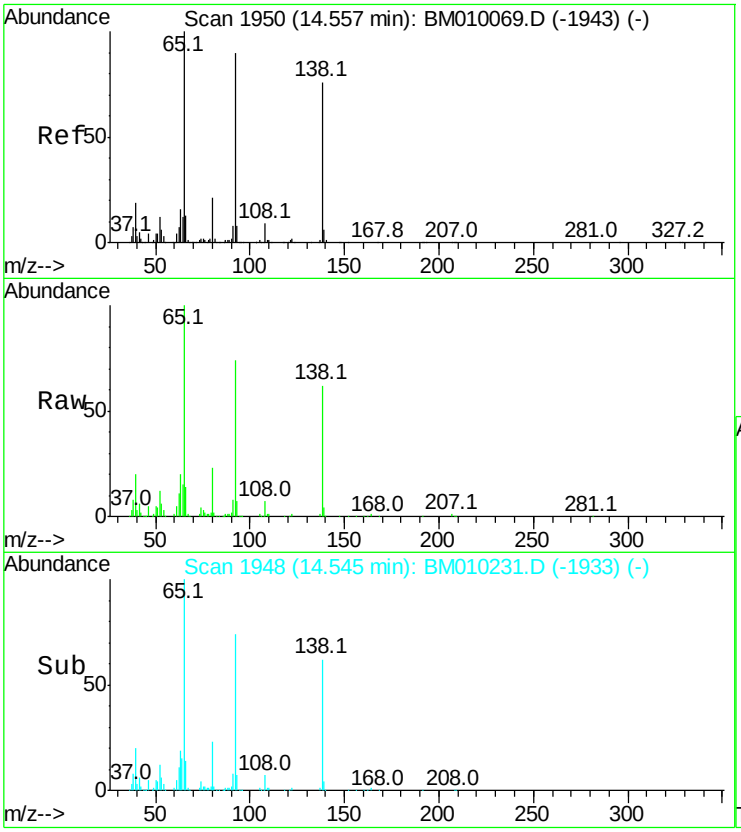




#51
Acenaphthene
Concen: 40.54 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:154 Resp: 838289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.7 | 90.0 | 135.0 |
| 152 | 53.0 | 42.6 | 63.8 |



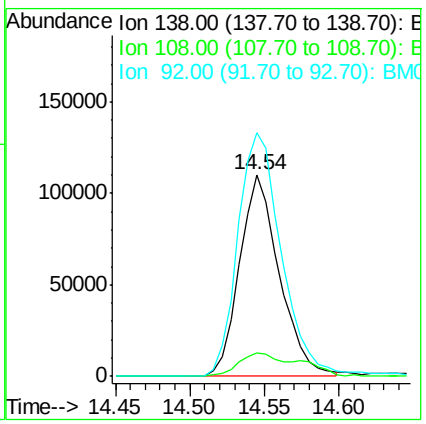


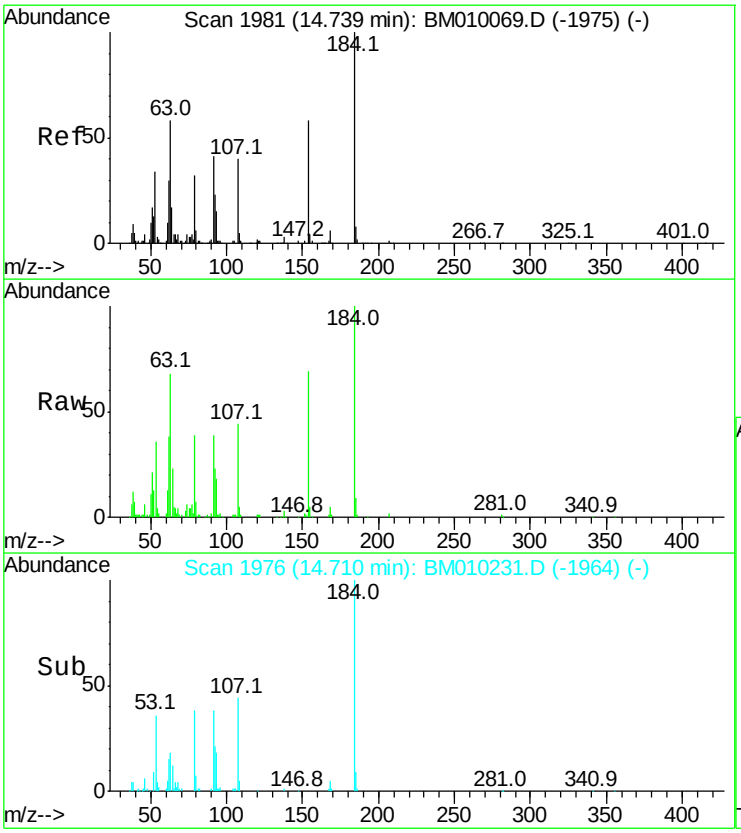

#52
3-Nitroaniline
Concen: 38.25 ng
RT: 14.54 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:138 Resp: 203410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 7.3 | 10.9# |
| 92 | 120.6 | 76.6 | 114.8# |

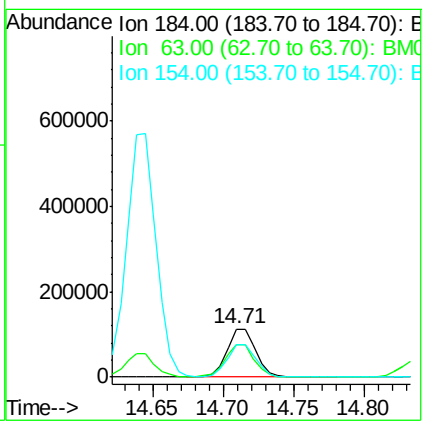


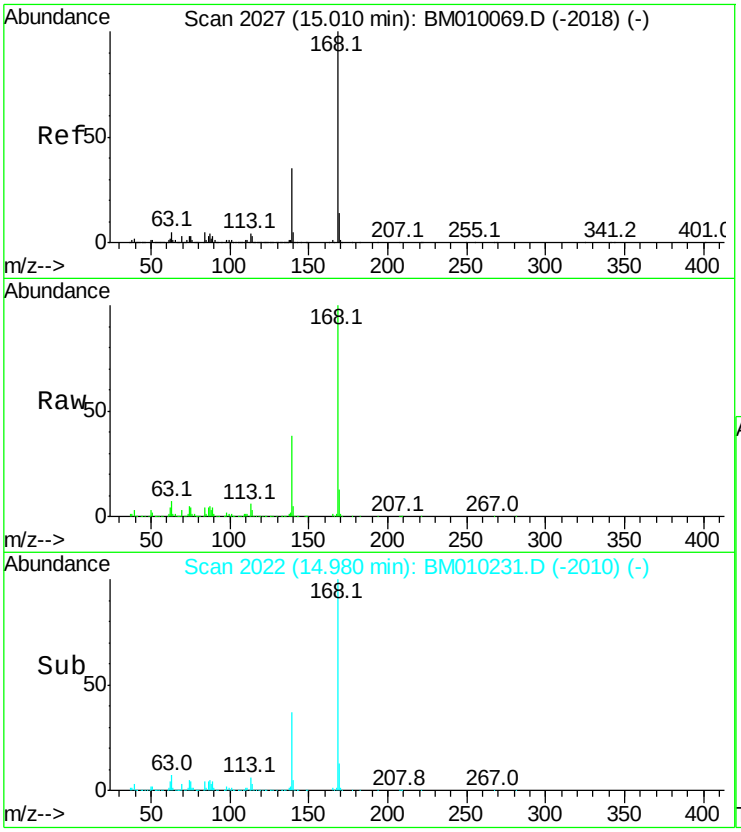




#53
2,4-Dinitrophenol
Concen: 45.55 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:184 Resp: 161902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.5 | 69.2 | 103.8# |
| 154 | 68.7 | 53.3 | 79.9 |



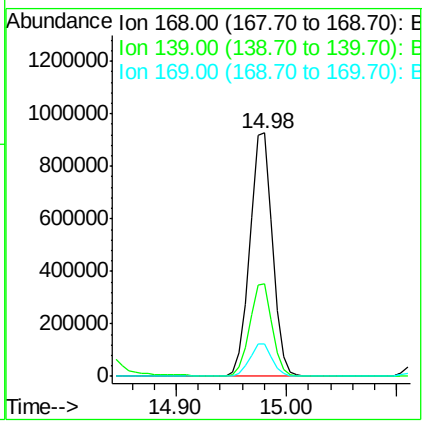


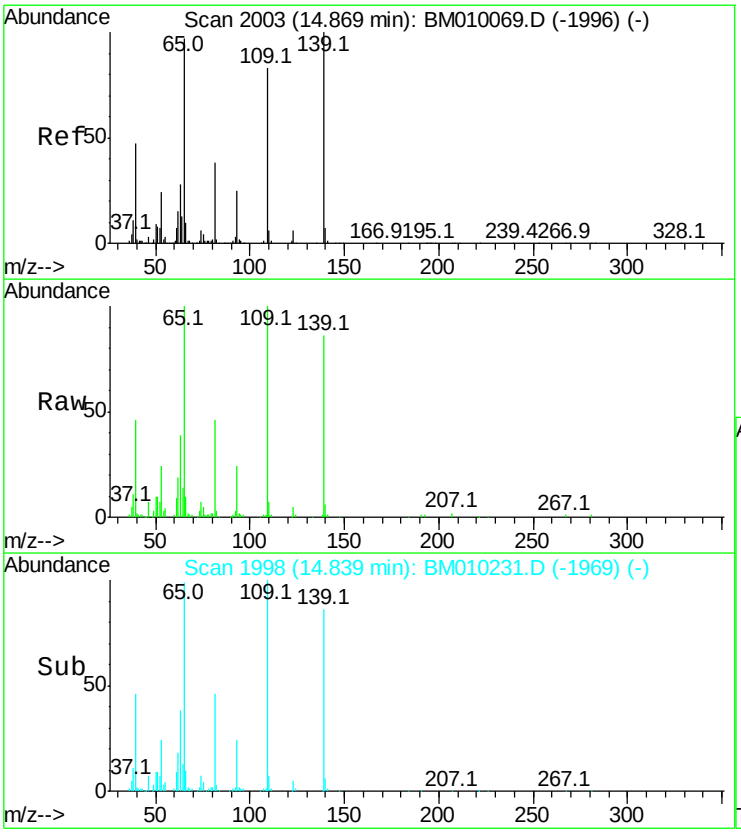

#54
Dibenzofuran
Concen: 41.12 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:168 Resp: 1336883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.8 | 27.3 | 40.9 |
| 169 | 13.2 | 10.6 | 16.0 |

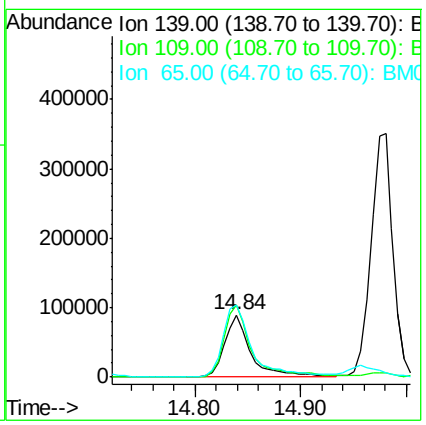


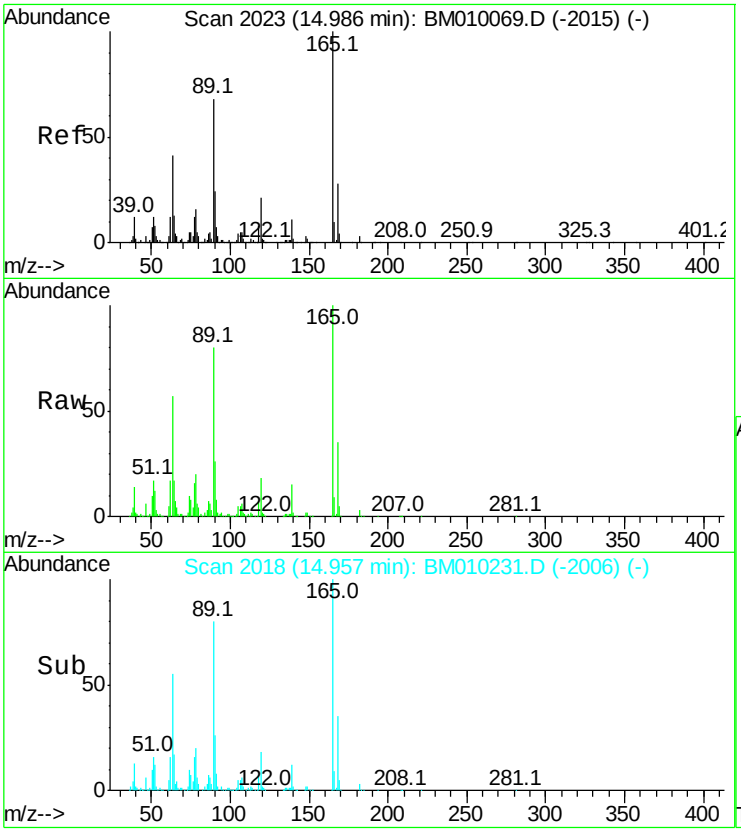




#55
4-Nitrophenol
Concen: 36.38 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:139 Resp: 155720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 115.6 | 37.7 | 77.7# |
| 65 | 115.7 | 49.9 | 89.9# |



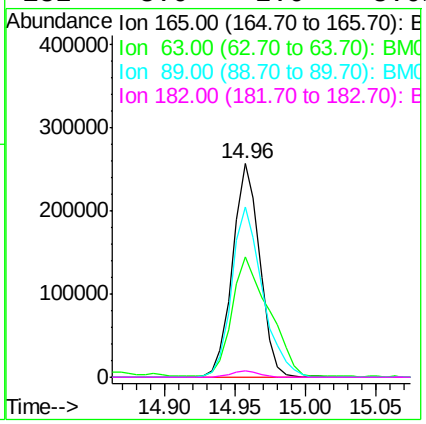


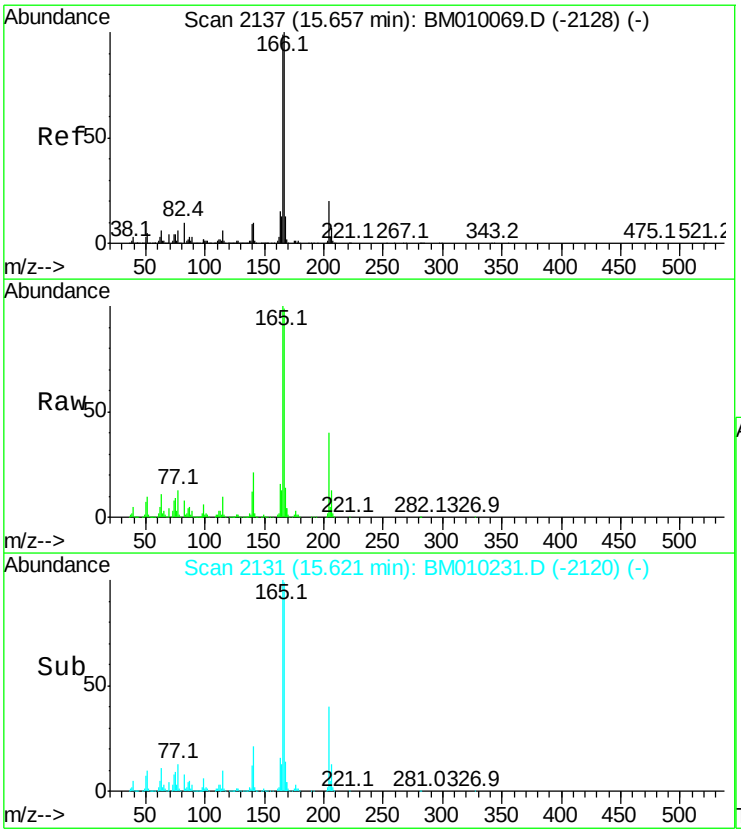

#56
2,4-Dinitrotoluene
Concen: 42.67 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:165 Resp: 345431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.6 | 52.4 | 78.6 |
| 89 | 79.6 | 72.4 | 108.6 |
| 182 | 3.0 | 2.0 | 3.0# |

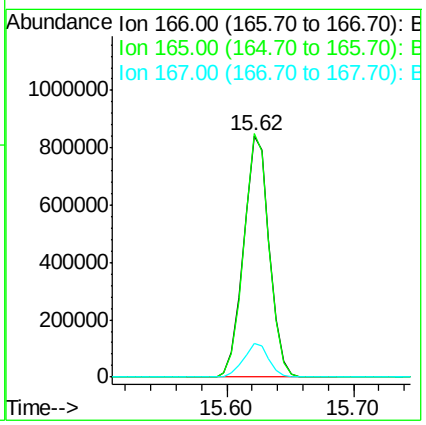


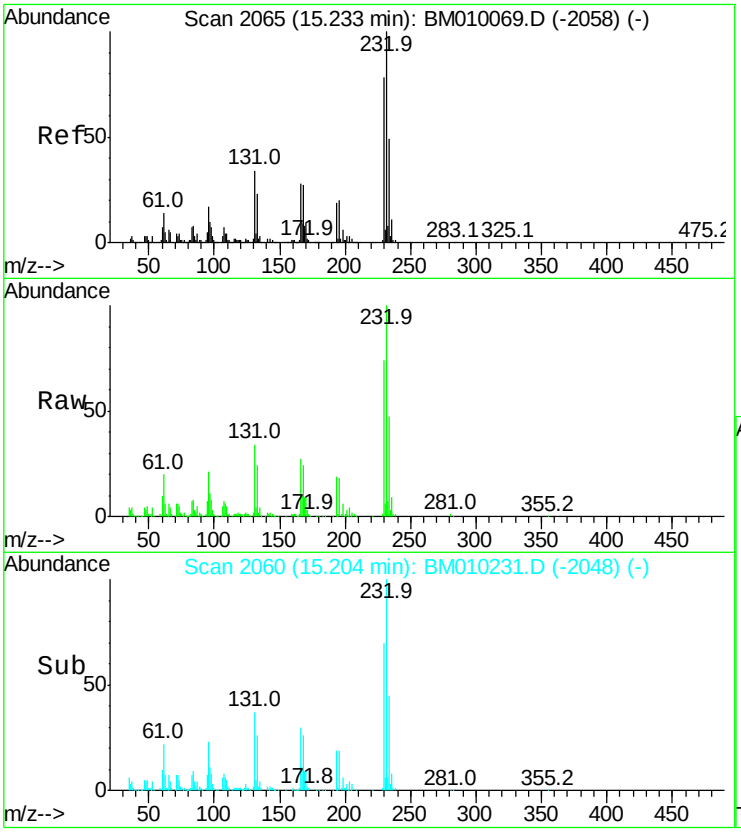




#57
Fluorene
Concen: 41.87 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:166 Resp: 1183943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.0 | 79.0 | 118.4 |
| 167 | 14.2 | 10.3 | 15.5 |



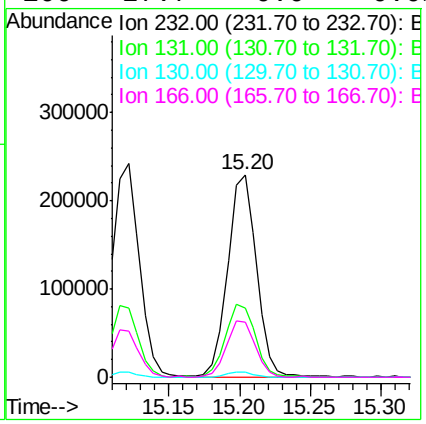


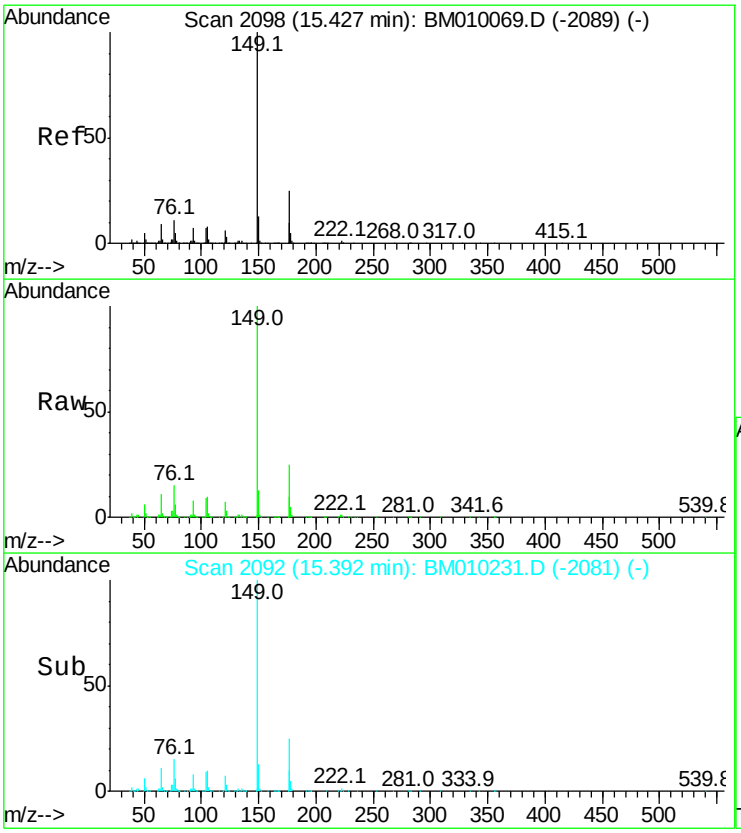

#58
2,3,4,6-Tetrachlorophenol
Concen: 45.07 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:232 Resp: 324617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.0 | 0.0 | 0.0# |
| 130 | 2.5 | 0.0 | 0.0# |
| 166 | 27.7 | 0.0 | 0.0# |

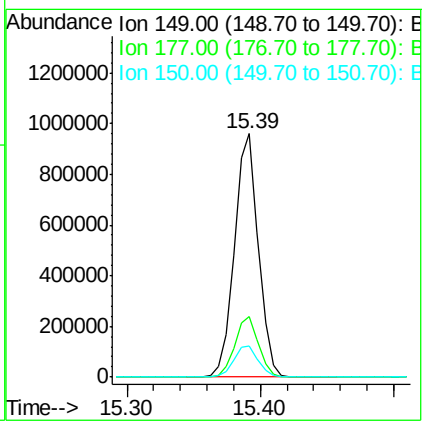


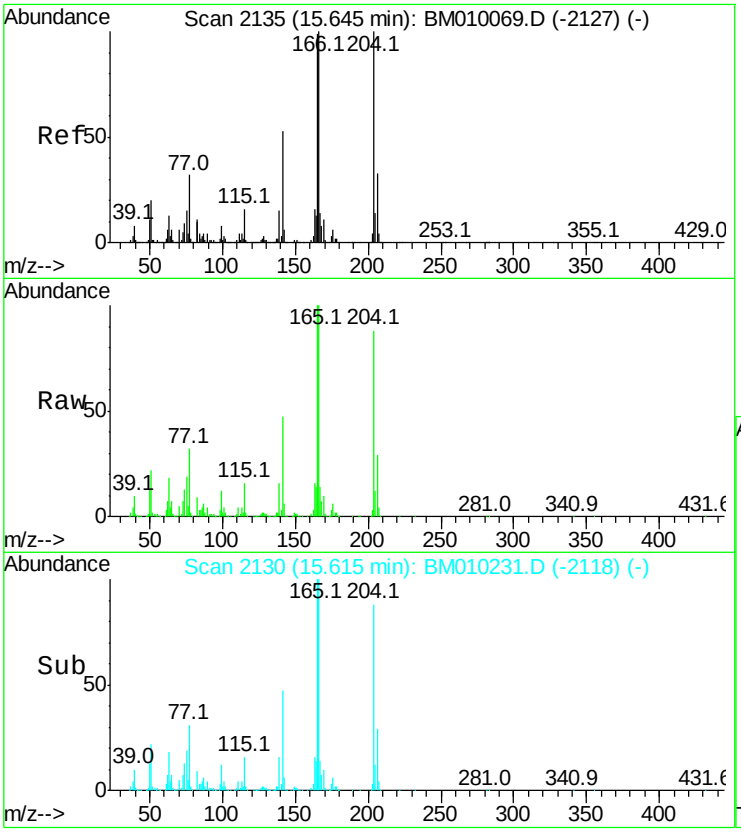




#59
Diethylphthalate
Concen: 41.74 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:149 Resp: 1189335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.7 | 18.3 | 27.5 |
| 150 | 12.8 | 9.8 | 14.8 |



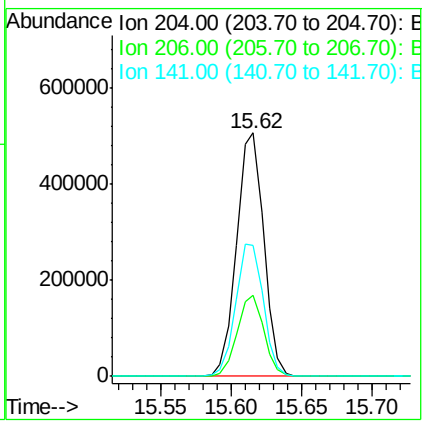


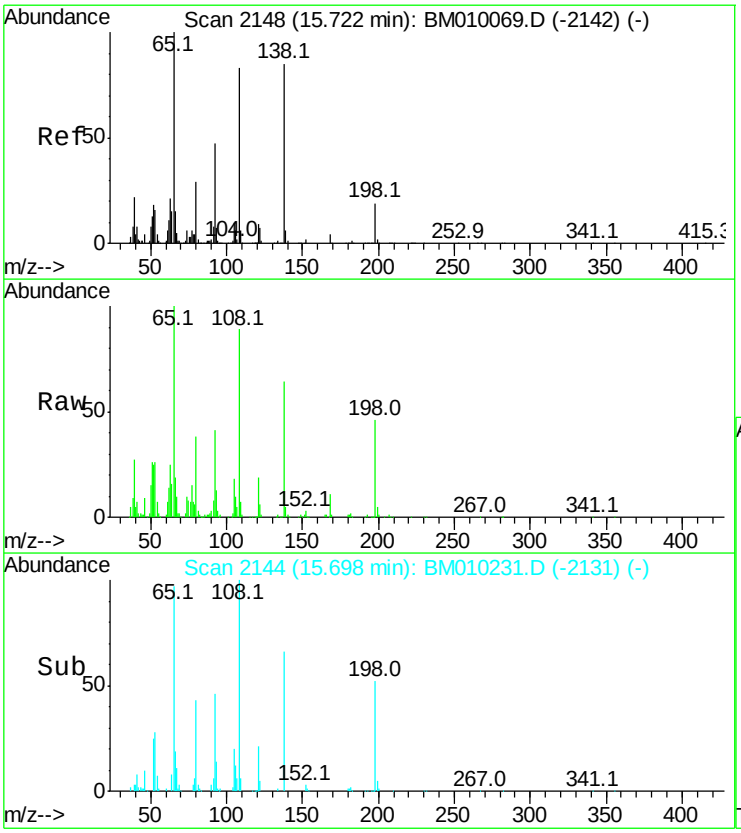

#60
4-Chlorophenyl-phenylether
Concen: 43.00 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:204 Resp: 682646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.5 | 26.6 | 39.8 |
| 141 | 53.7 | 45.2 | 67.8 |

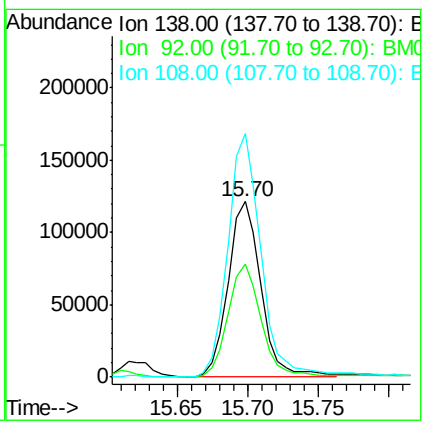


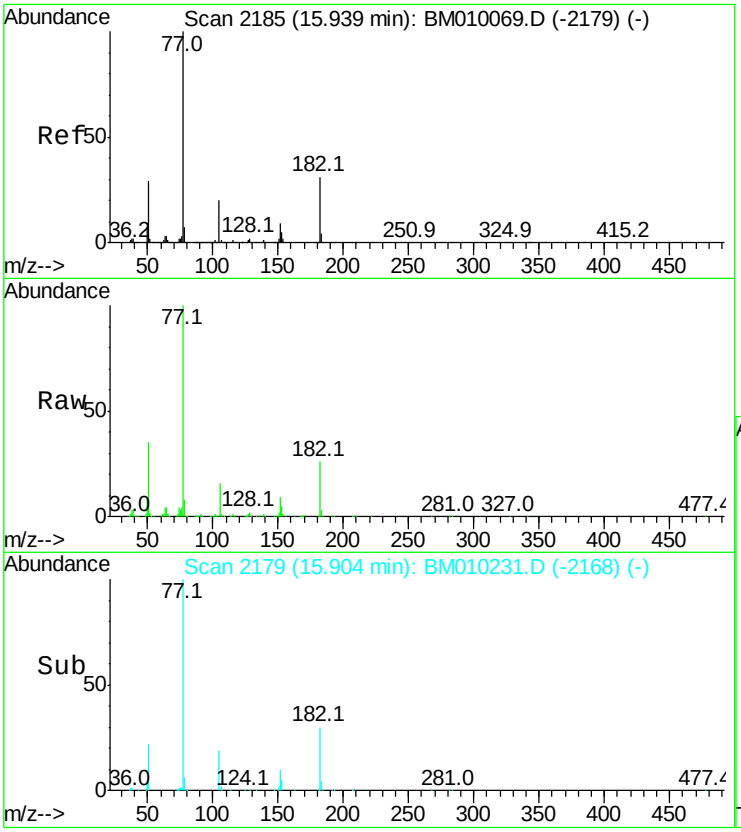




#61
4-Nitroaniline
Concen: 36.56 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:138 Resp: 197411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 64.7 | 16.7 | 56.7# |
| 108 | 138.6 | 37.6 | 77.6# |



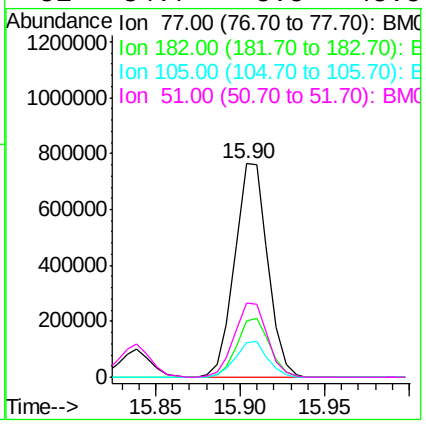


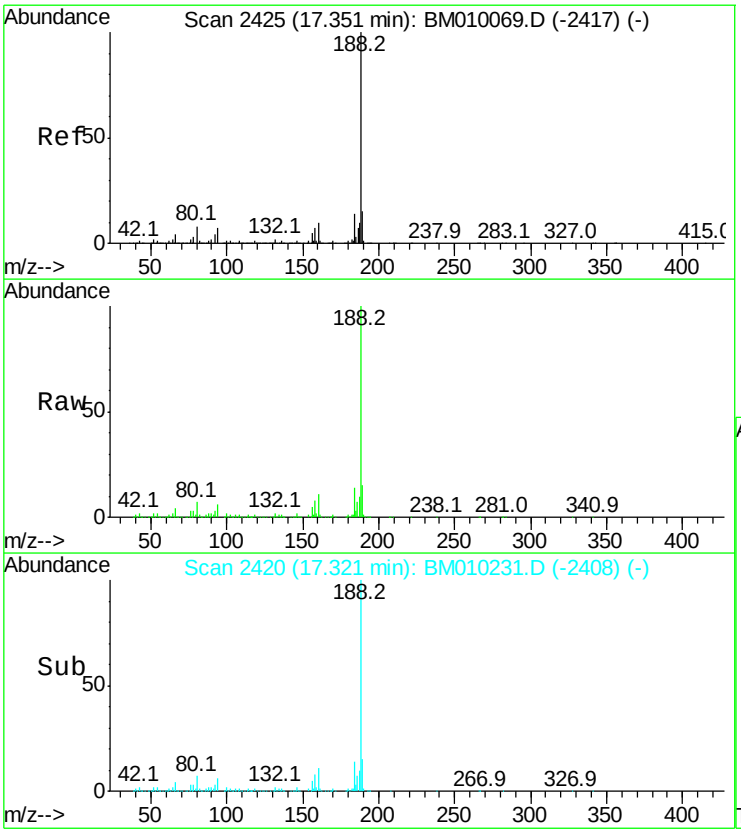

#62
Azobenzene
Concen: 49.59 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 1038901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.3 | 6.5 | 46.5 |
| 105 | 16.3 | 3.8 | 43.8 |
| 51 | 34.7 | 5.5 | 45.5 |

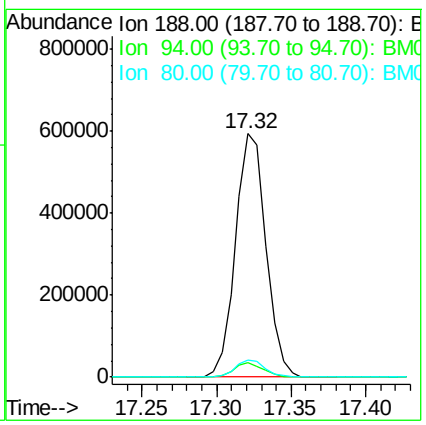


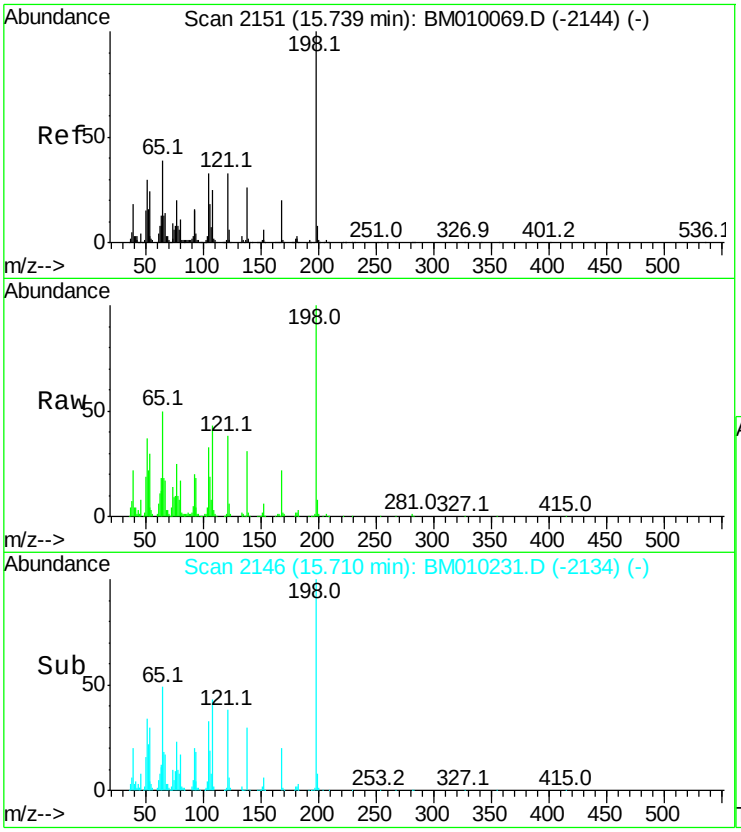




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:188 Resp: 840400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 8.7 | 13.1# |
| 80 | 7.2 | 9.3 | 13.9# |



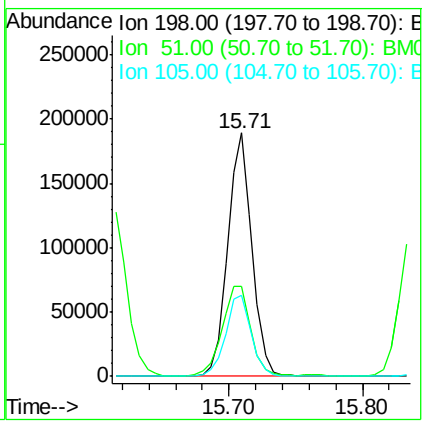


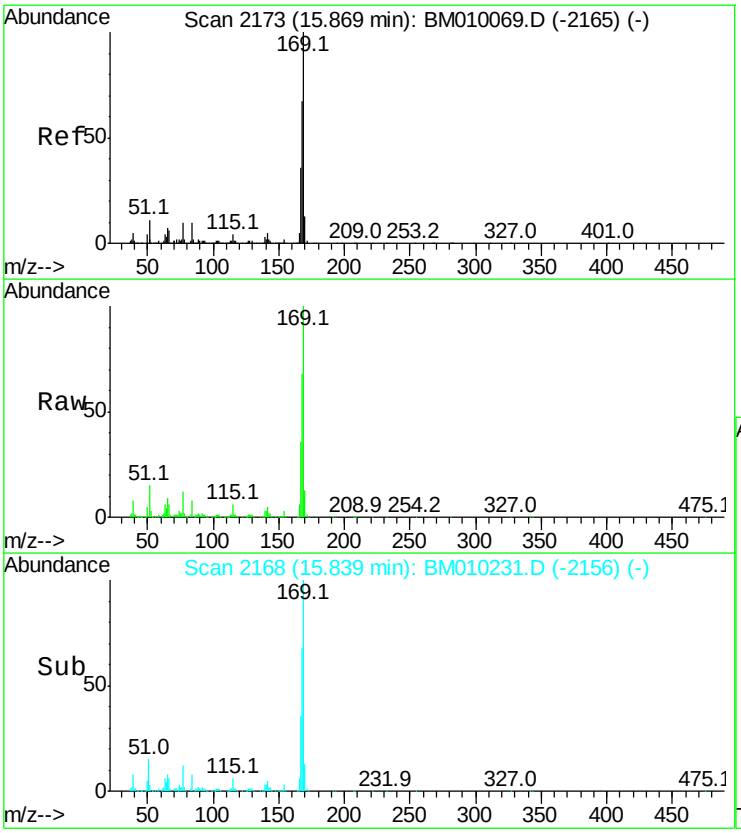

#64
4,6-Dinitro-2-methylphenol
Concen: 46.64 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:198 Resp: 239464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.0 | 28.8 | 68.8 |
| 105 | 33.2 | 30.5 | 70.5 |

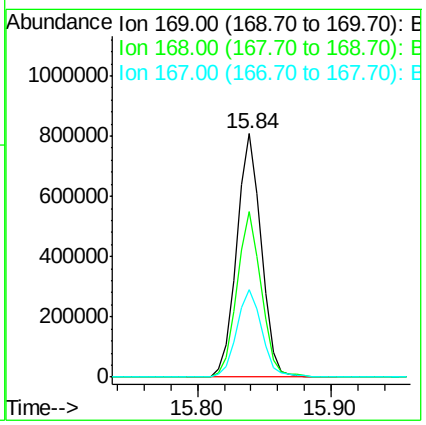


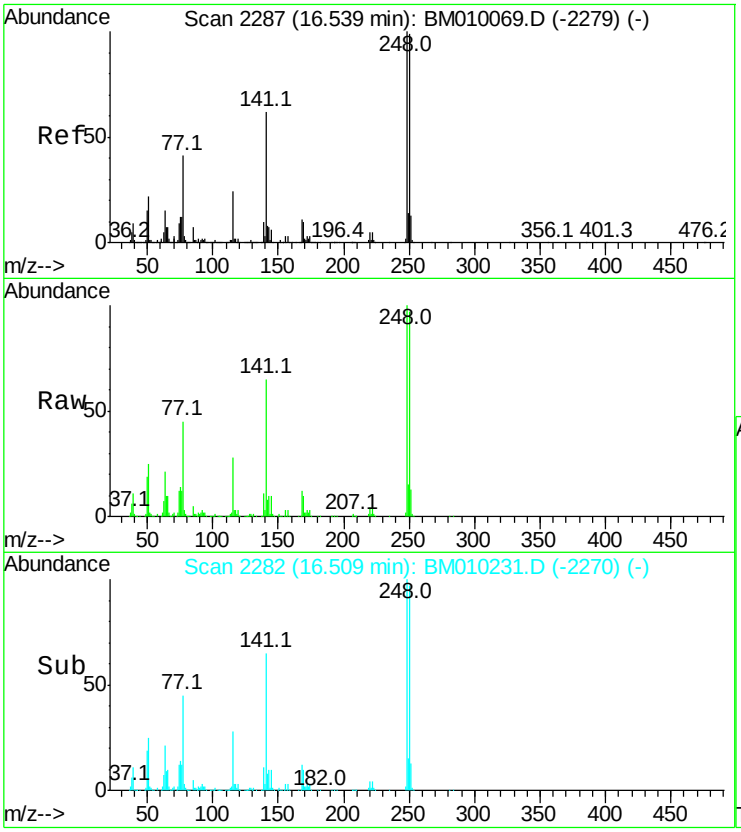




#65
n-Nitrosodiphenylamine
Concen: 40.79 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:169 Resp: 1027509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 53.9 | 80.9 |
| 167 | 35.9 | 28.9 | 43.3 |



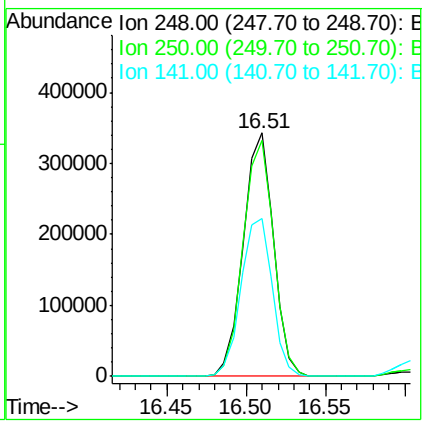


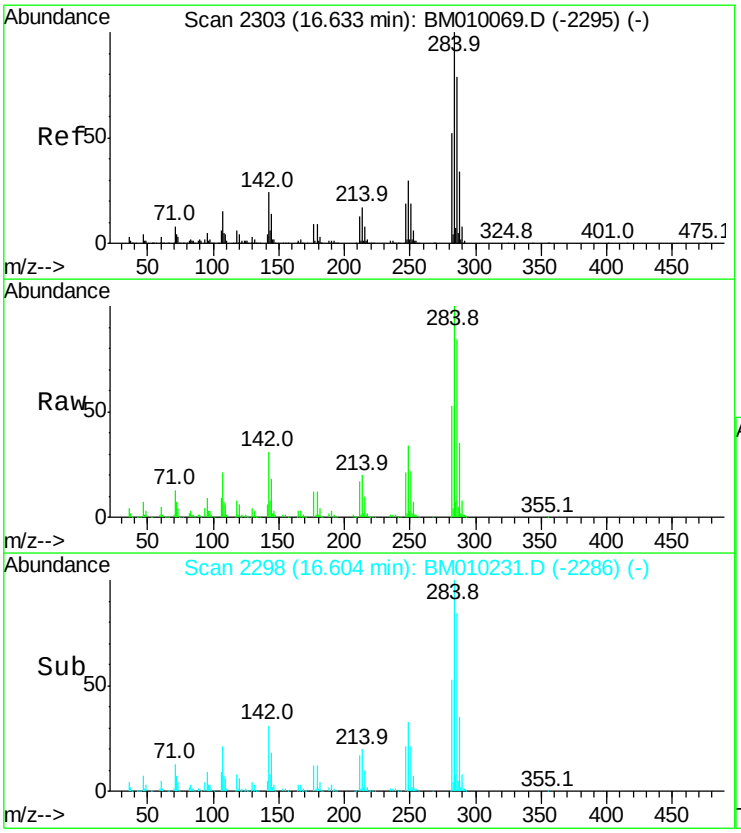

#66
4-Bromophenyl-phenylether
Concen: 42.22 ng
RT: 16.51 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:248 Resp: 454252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 77.4 | 116.0 |
| 141 | 64.7 | 45.2 | 67.8 |

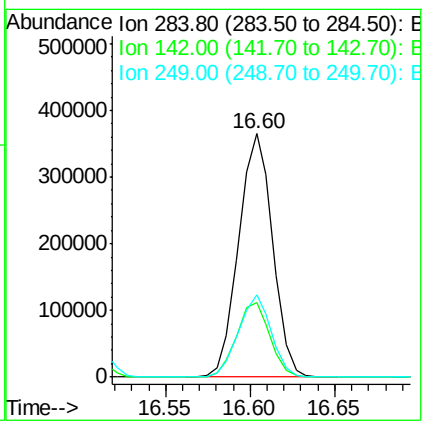


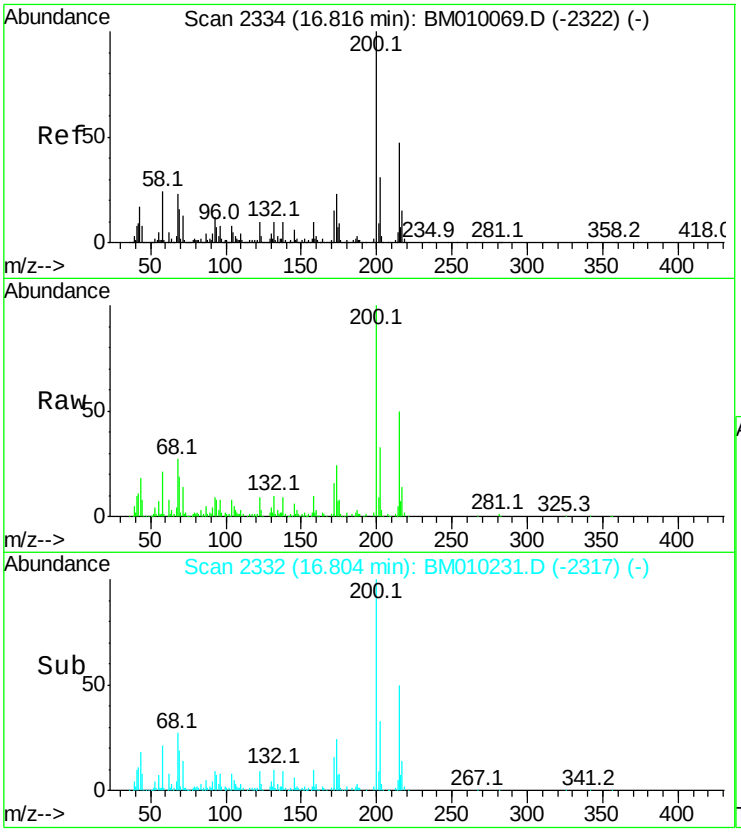




#67
Hexachlorobenzene
Concen: 39.06 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:284 Resp: 510523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.8 | 20.4 | 30.6# |
| 249 | 33.7 | 23.8 | 35.6 |



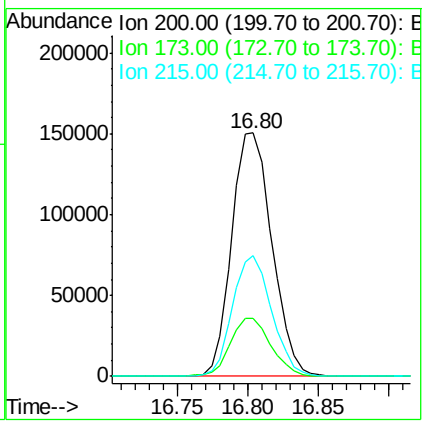


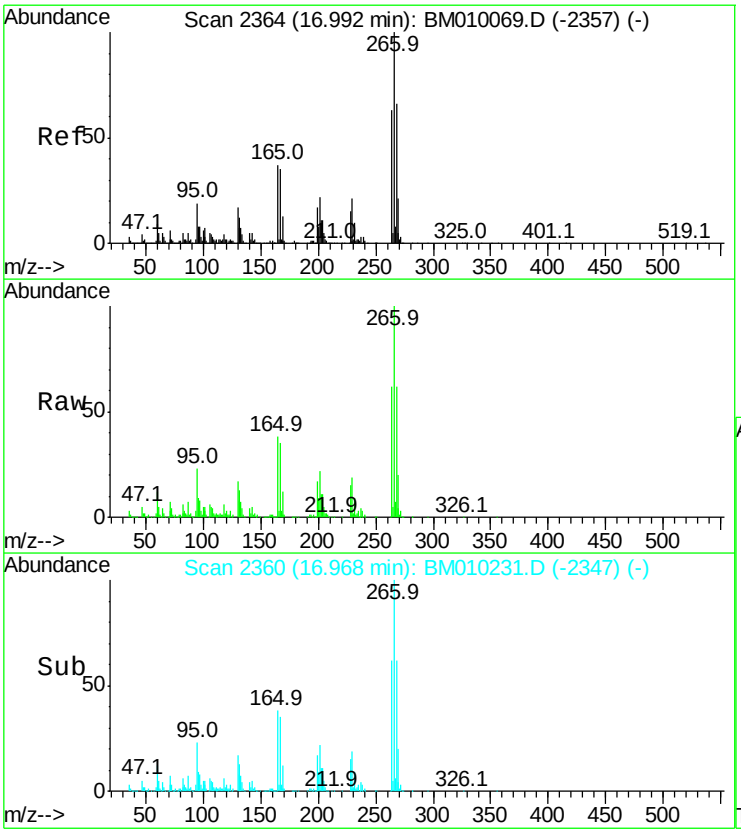

#68
Atrazine
Concen: 31.50 ng
RT: 16.80 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:200 Resp: 300819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.7 | 4.8 | 44.8 |
| 215 | 49.6 | 26.9 | 66.9 |

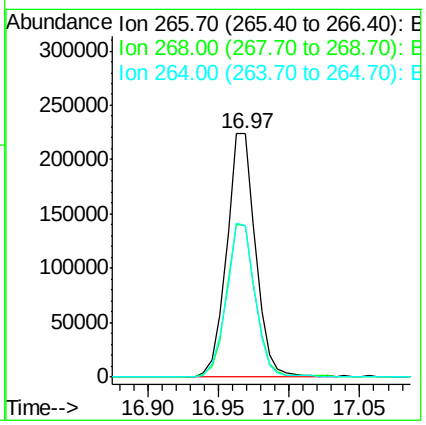


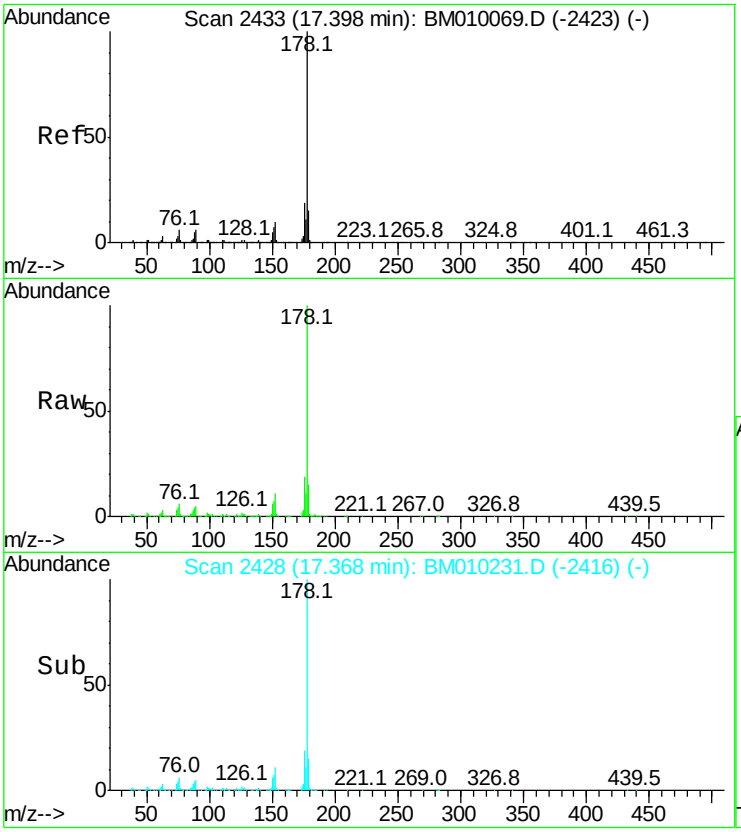




#69
Pentachlorophenol
Concen: 44.32 ng
RT: 16.97 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:266 Resp: 318185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.3 | 52.0 | 78.0 |
| 264 | 62.0 | 49.0 | 73.4 |



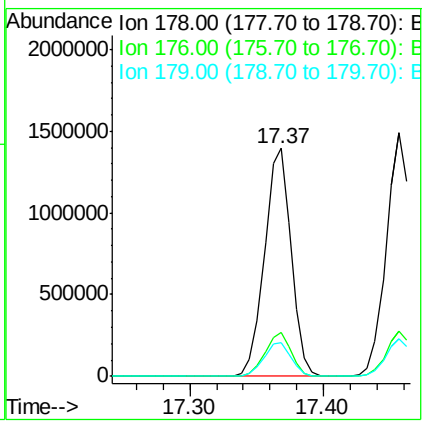


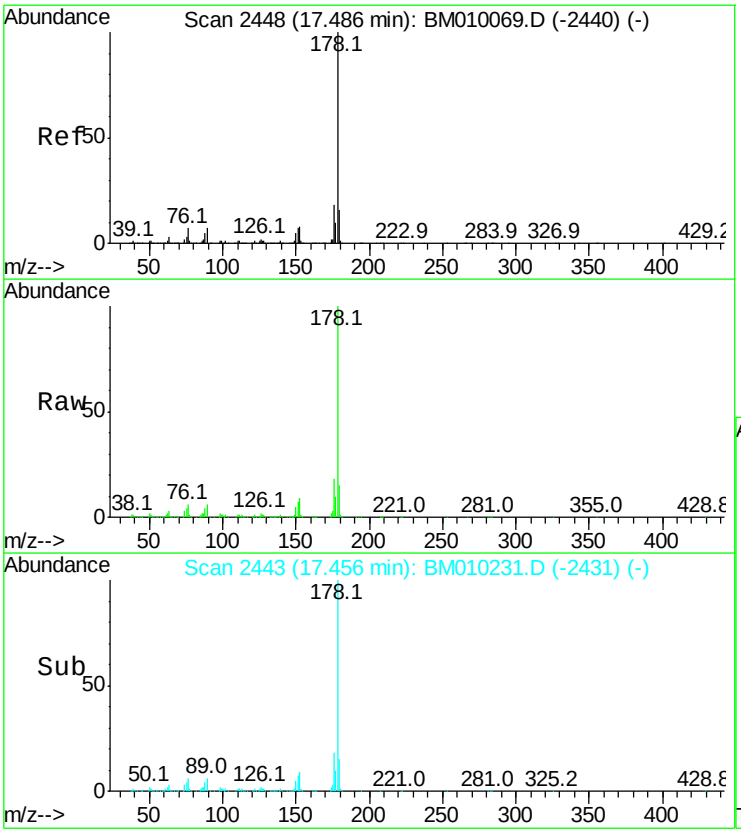

#70
Phenanthrene
Concen: 41.23 ng
RT: 17.37 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:178 Resp: 1938725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.2 | 22.8 |
| 179 | 14.6 | 12.1 | 18.1 |

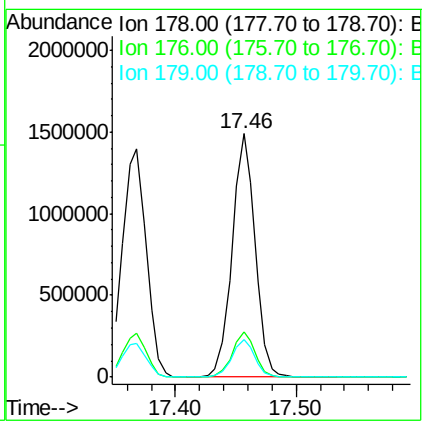


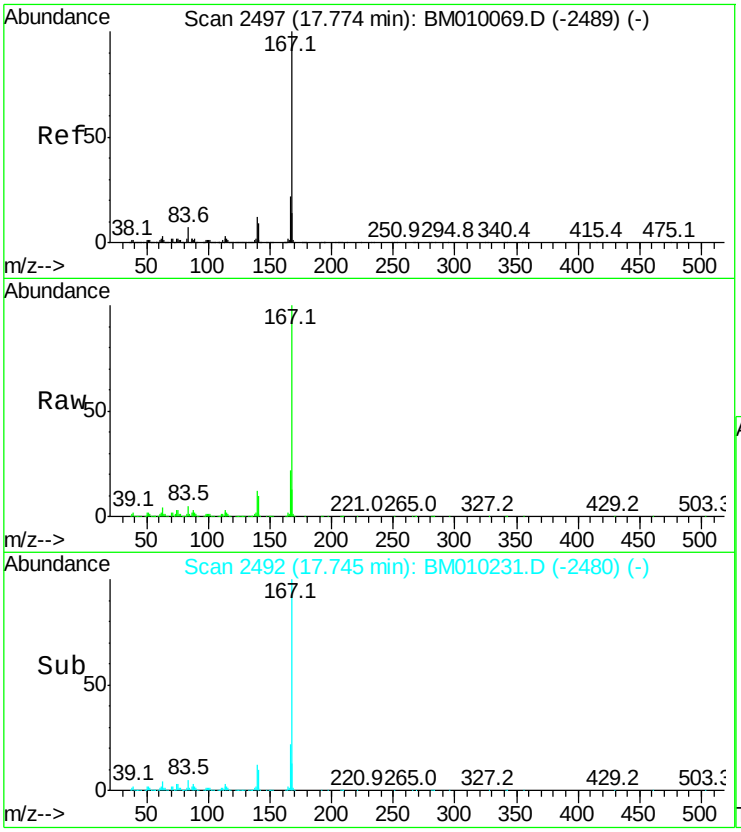




#71
Anthracene
Concen: 42.12 ng
RT: 17.46 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:178 Resp: 1965576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.6 | 22.0 |
| 179 | 15.2 | 12.6 | 19.0 |



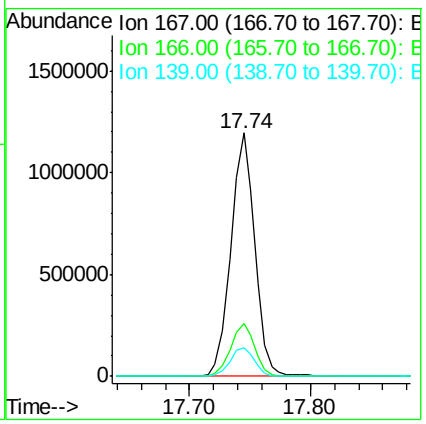


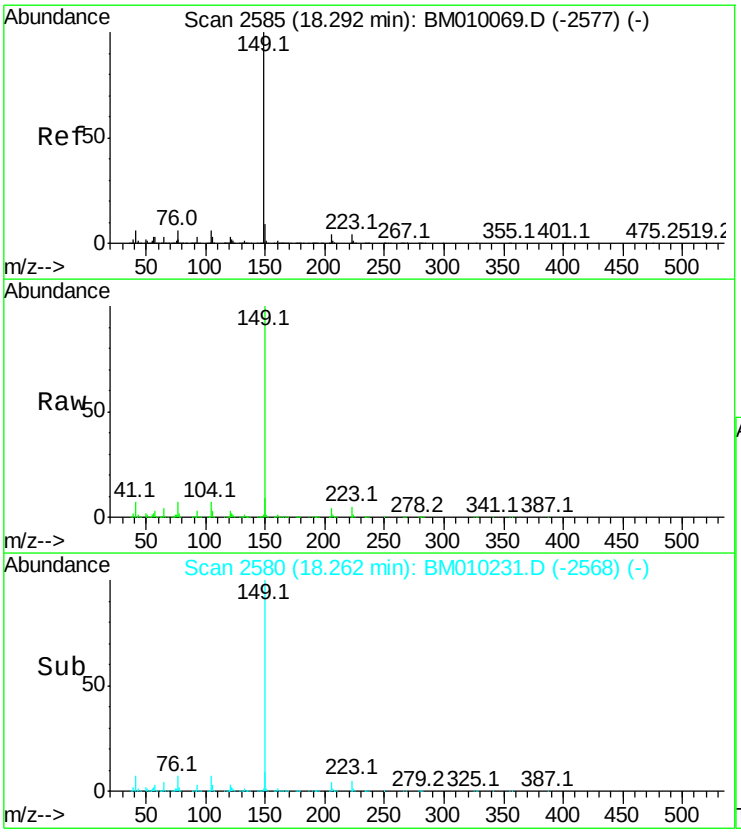

#72
Carbazole
Concen: 39.97 ng
RT: 17.74 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:167 Resp: 1651196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.2 | 25.8 |
| 139 | 11.9 | 10.8 | 16.2 |

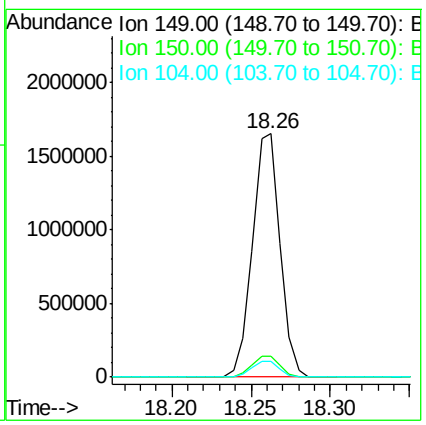


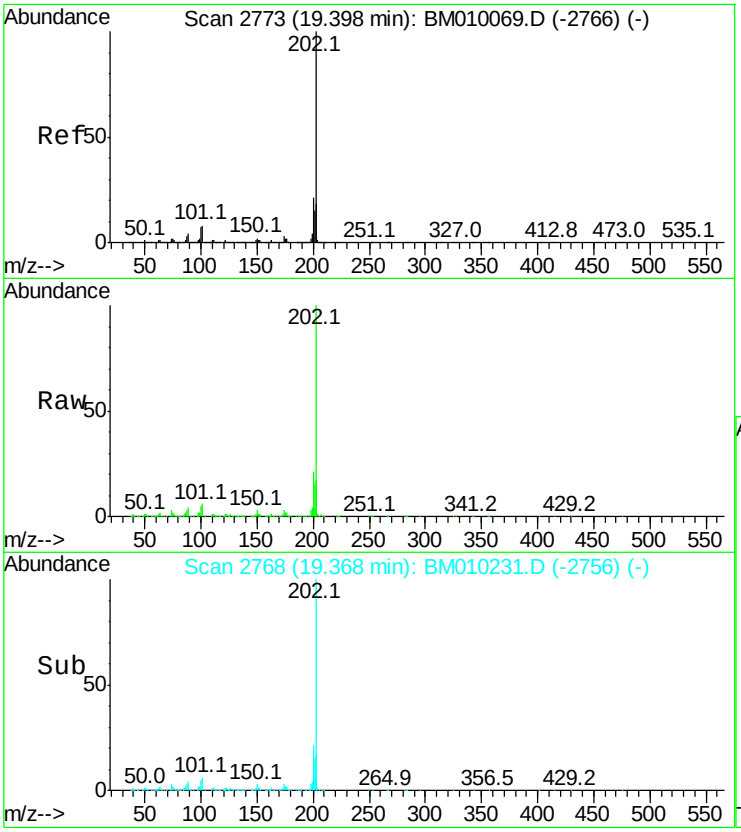




#73
Di-n-butylphthalate
Concen: 41.01 ng
RT: 18.26 min Scan# 2580
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:149 Resp: 2008752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.5 | 11.3 |
| 104 | 6.6 | 3.7 | 5.5# |



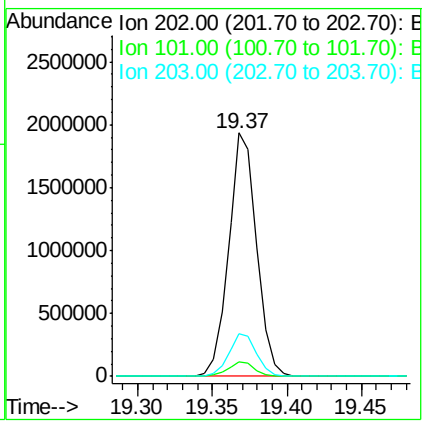


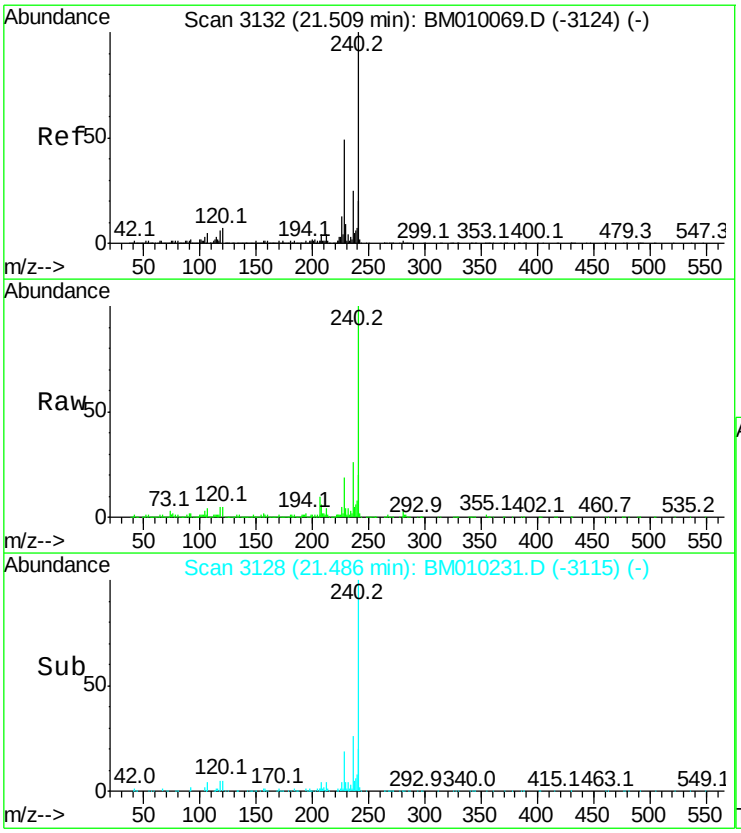

#74
Fluoranthene
Concen: 41.34 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:202 Resp: 2523621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.0 | 0.0 | 28.7 |
| 203 | 17.3 | 0.0 | 37.2 |

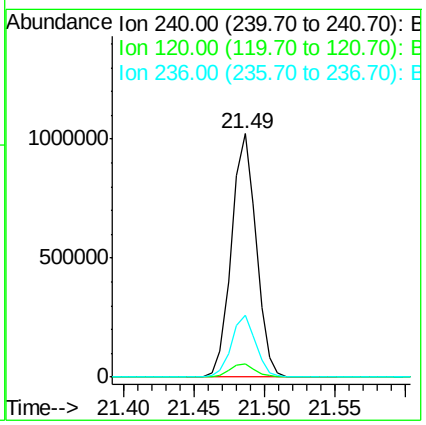


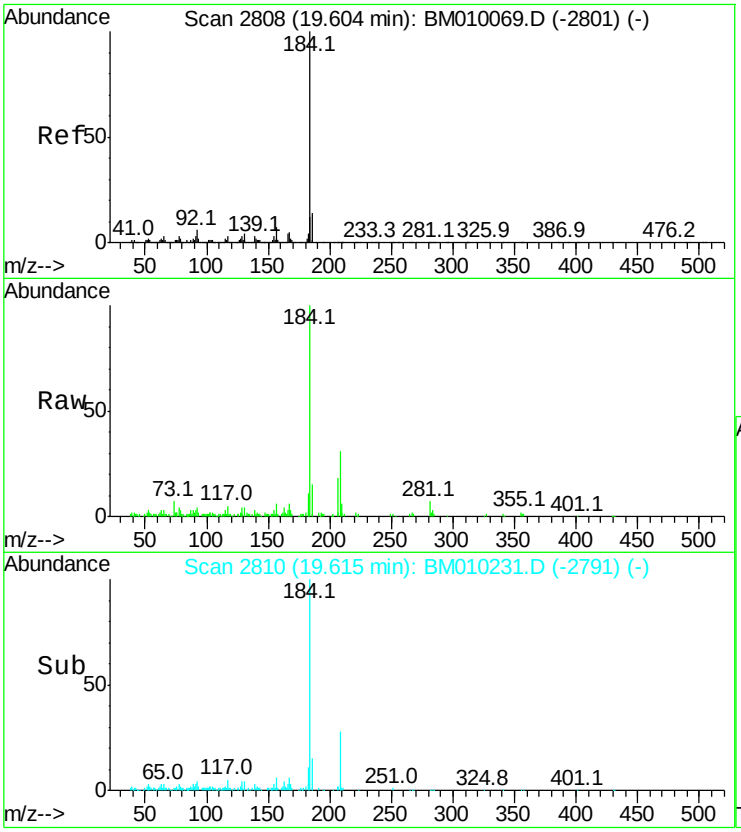




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:240 Resp: 1243957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 8.2 | 12.2# |
| 236 | 25.6 | 20.0 | 30.0 |



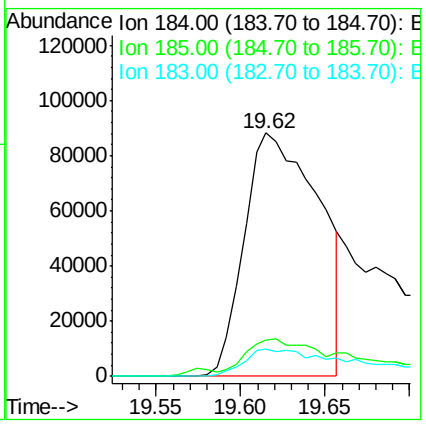


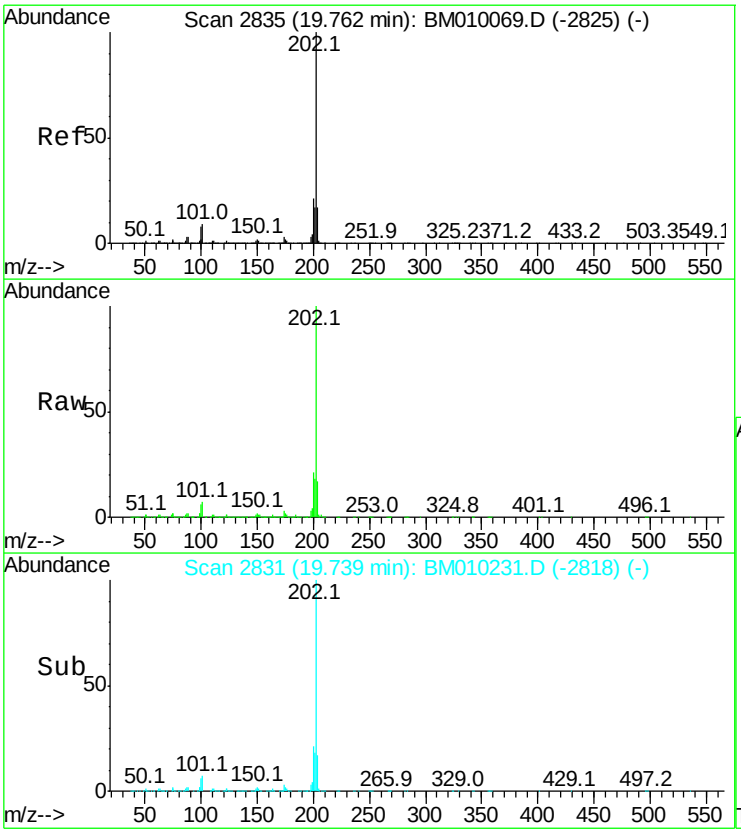

#76
Benzidine
Concen: 11.81 ng
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:184 Resp: 271015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.0 | 11.3 | 16.9 |
| 183 | 11.2 | 8.9 | 13.3 |

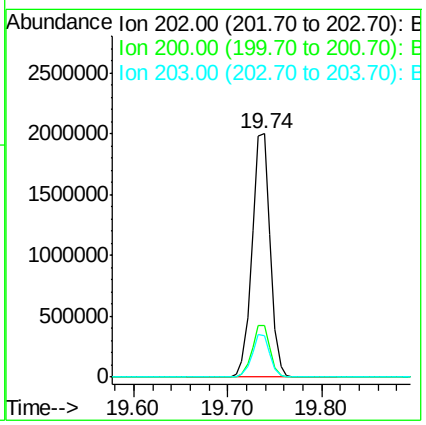


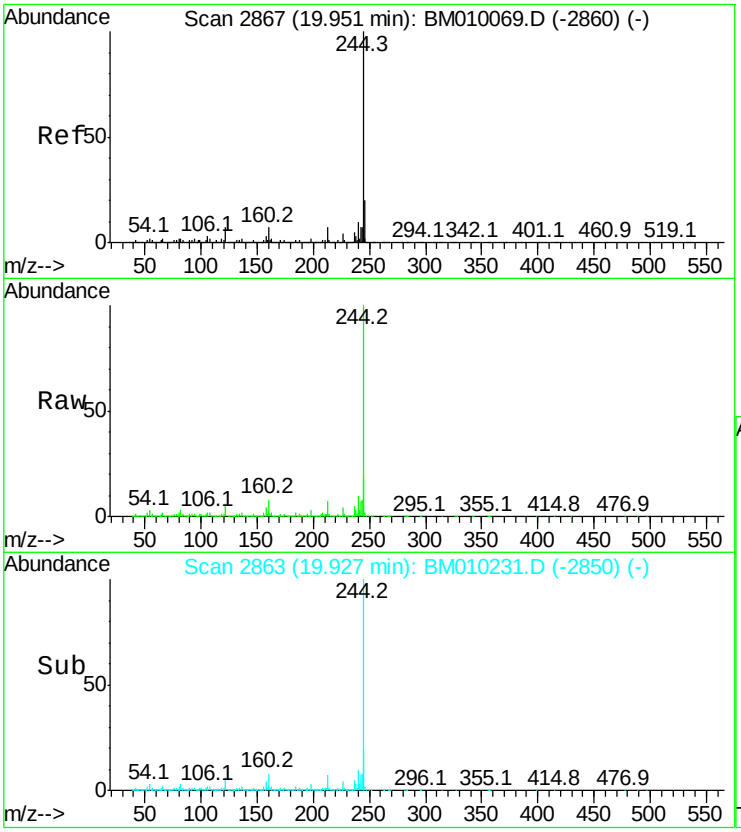




#77
Pyrene
Concen: 39.89 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:202 Resp: 2660153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 17.3 | 14.1 | 21.1 |



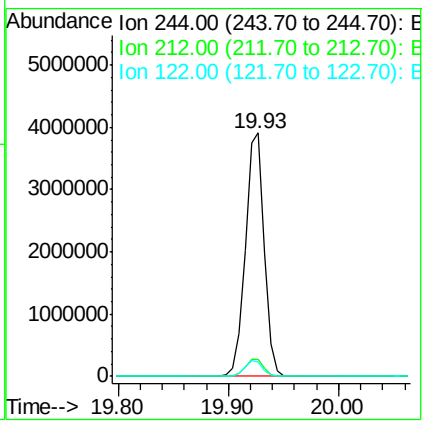


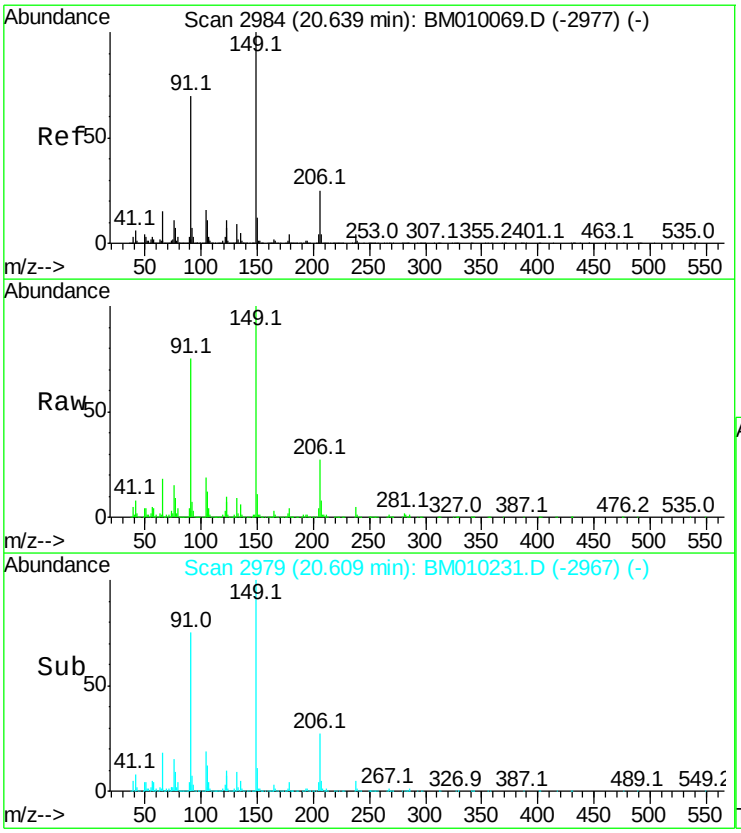

#78
Terphenyl-d14
Concen: 84.94 ng
RT: 19.93 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:244 Resp: 4646769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 4.9 | 7.3 |
| 122 | 5.8 | 6.2 | 9.4# |

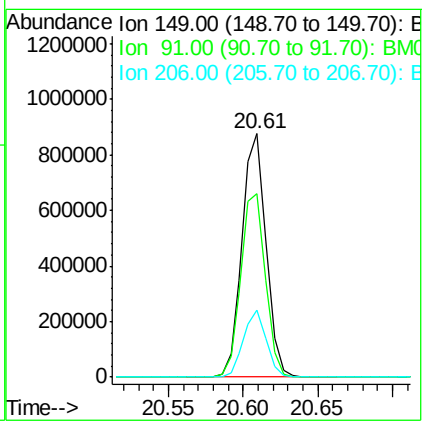


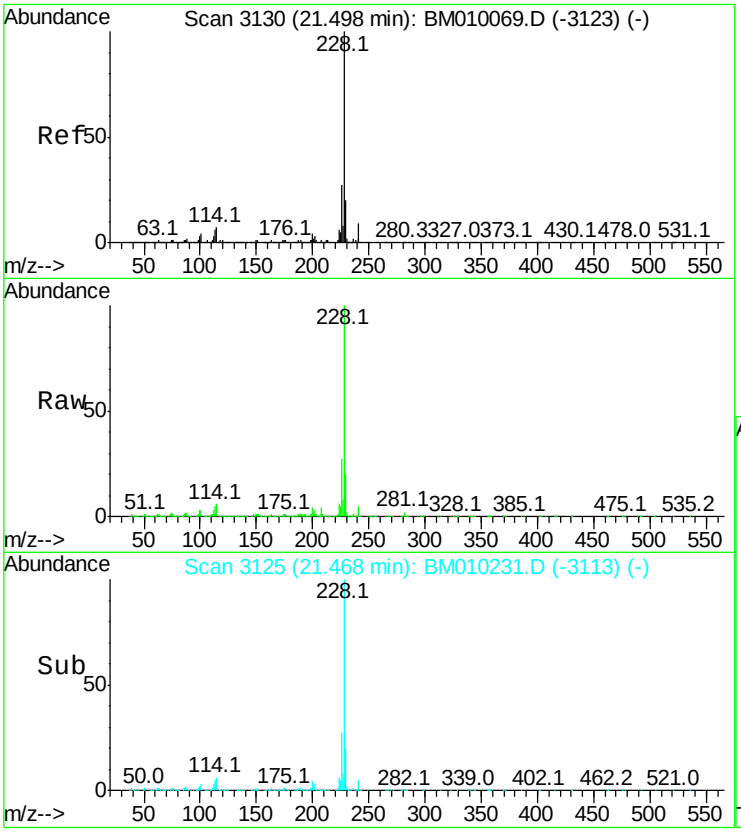




#79
Butylbenzylphthalate
Concen: 39.36 ng
RT: 20.61 min Scan# 2979
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:149 Resp: 971792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 75.3 | 50.1 | 75.1# |
| 206 | 27.3 | 16.2 | 24.2# |



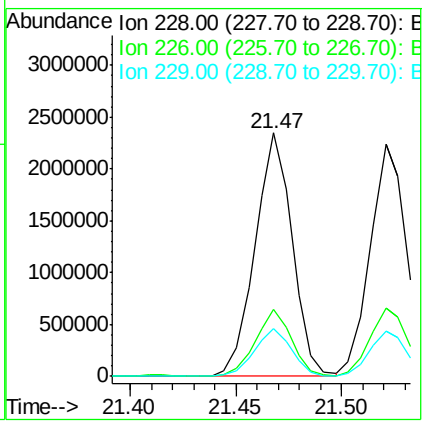


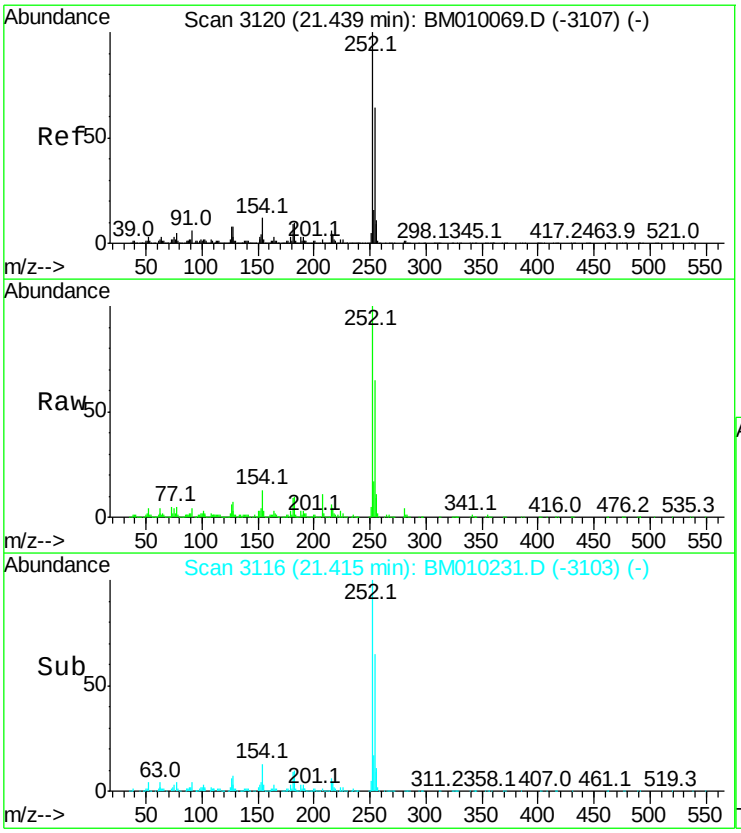

#80
Benzo(a)anthracene
Concen: 41.87 ng
RT: 21.47 min Scan# 3125
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:228 Resp: 2870643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.7 | 32.5 |
| 229 | 19.6 | 16.0 | 24.0 |

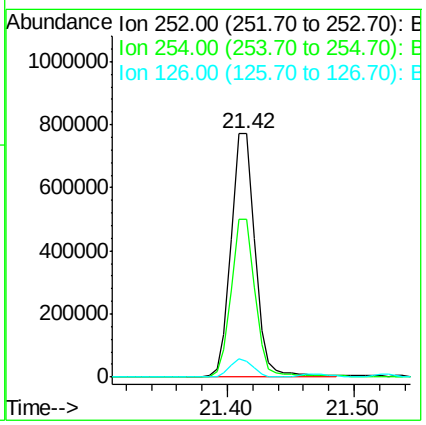


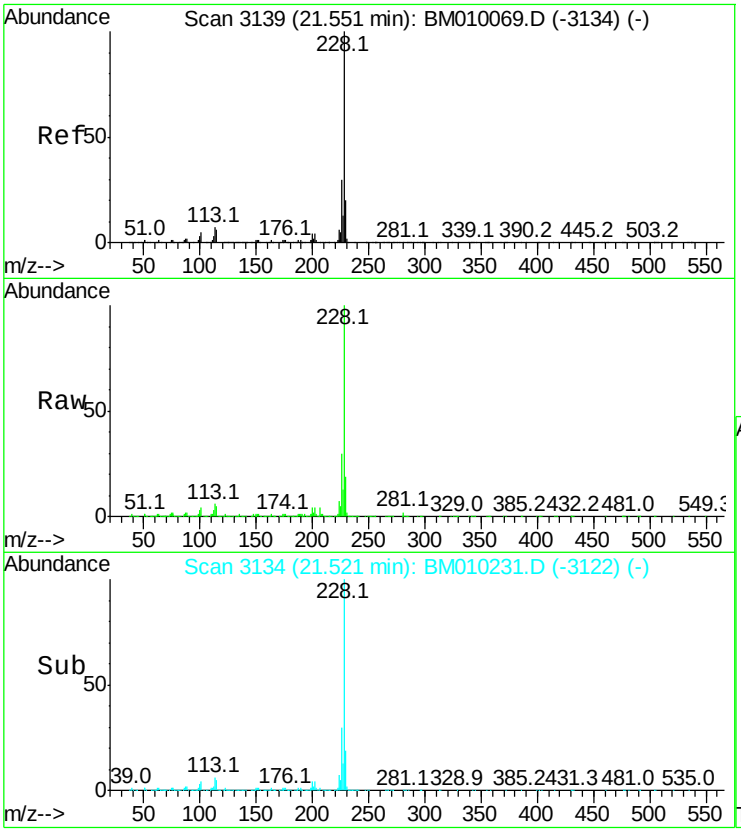




#81
3,3'-Dichlorobenzidine
Concen: 36.54 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:252 Resp: 1007779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.9 | 77.9 |
| 126 | 6.5 | 9.8 | 14.8# |



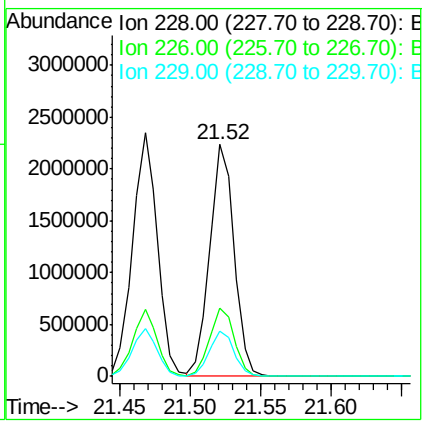


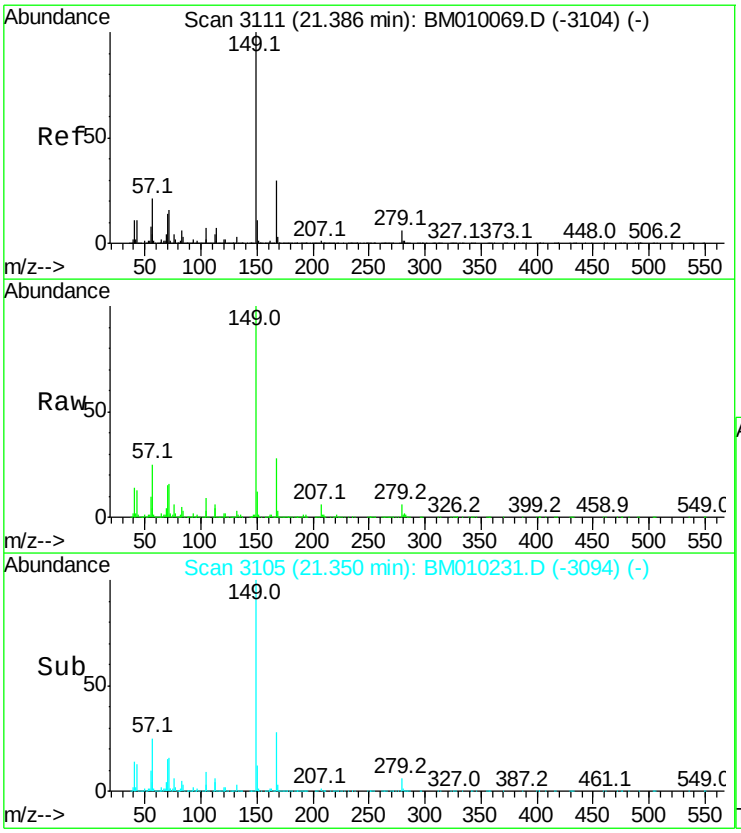

#82
Chrysene
Concen: 41.18 ng
RT: 21.52 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:228 Resp: 2677670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 24.1 | 36.1 |
| 229 | 19.5 | 15.5 | 23.3 |

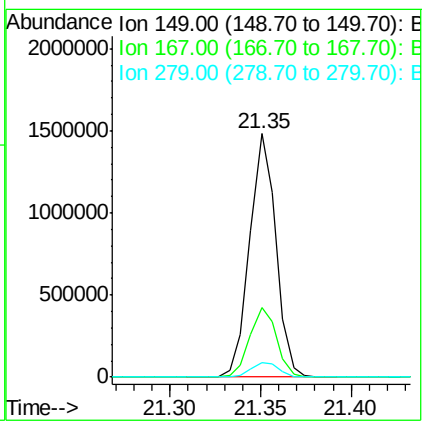


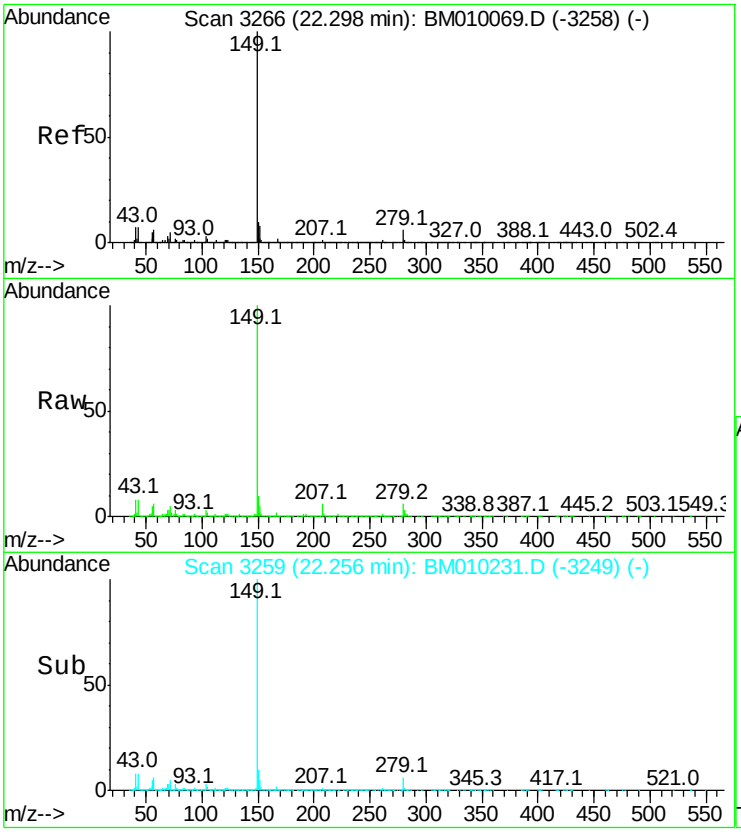




#83
Bis(2-ethylhexyl)phthalate
Concen: 40.29 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:149 Resp: 1487417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.4 | 33.6 |
| 279 | 6.0 | 3.4 | 5.0# |



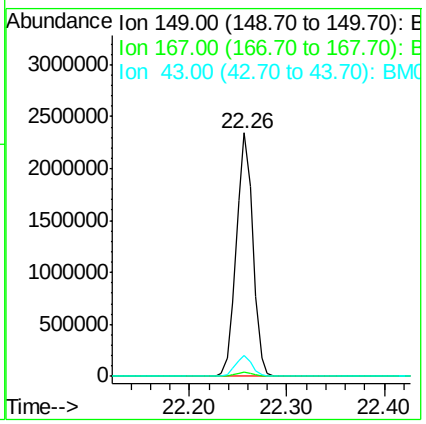


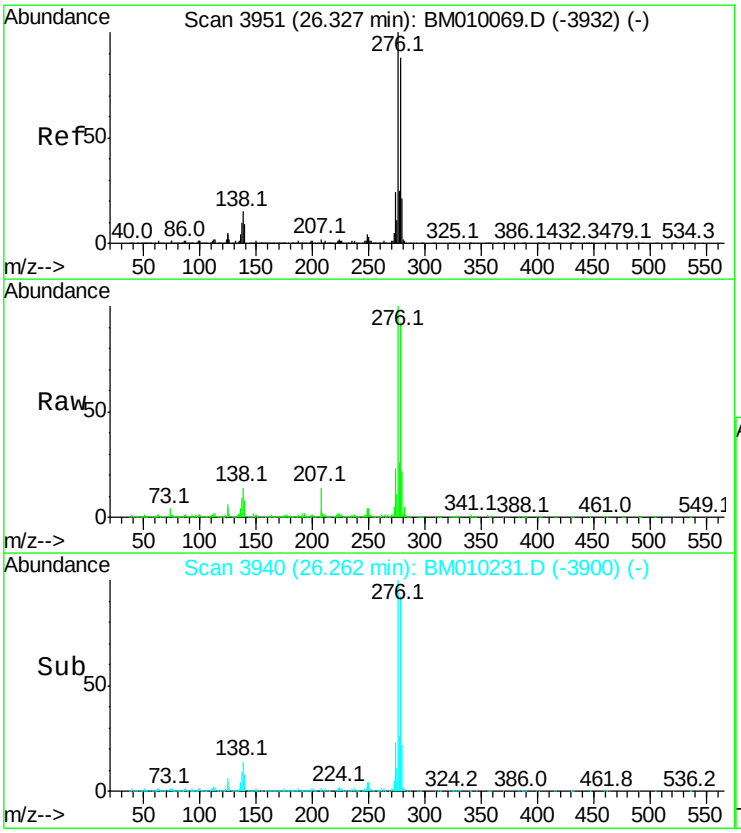

#84
Di-n-octyl phthalate
Concen: 41.31 ng
RT: 22.26 min Scan# 3259
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 2730623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.2 | 1.8# |
| 43 | 8.5 | 7.3 | 10.9 |

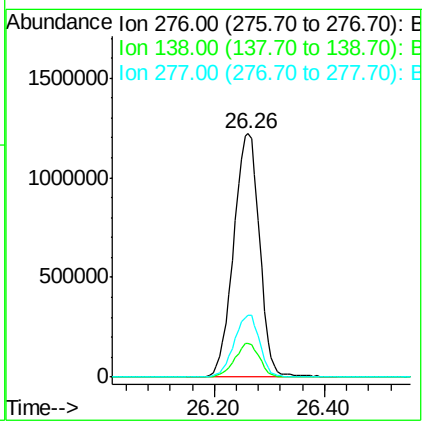


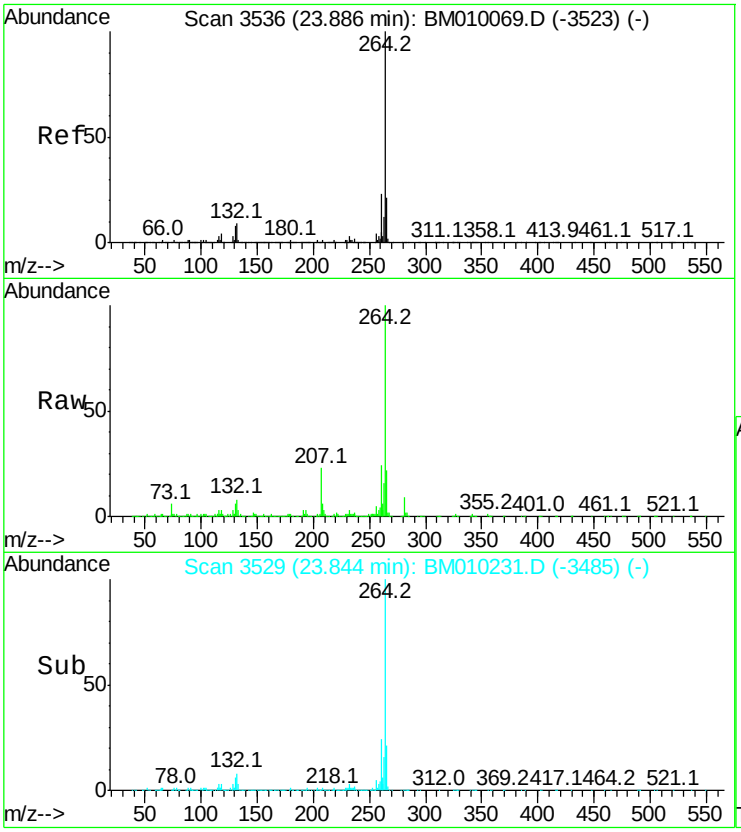




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.77 ng
RT: 26.26 min Scan# 3940
Delta R.T. -0.06 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:276 Resp: 3982435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.2 | 0.0 | 0.0# |
| 277 | 25.3 | 0.0 | 0.0# |



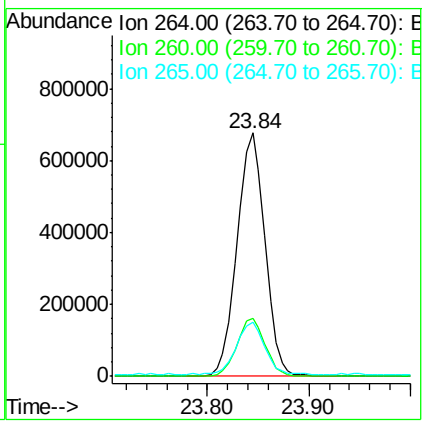


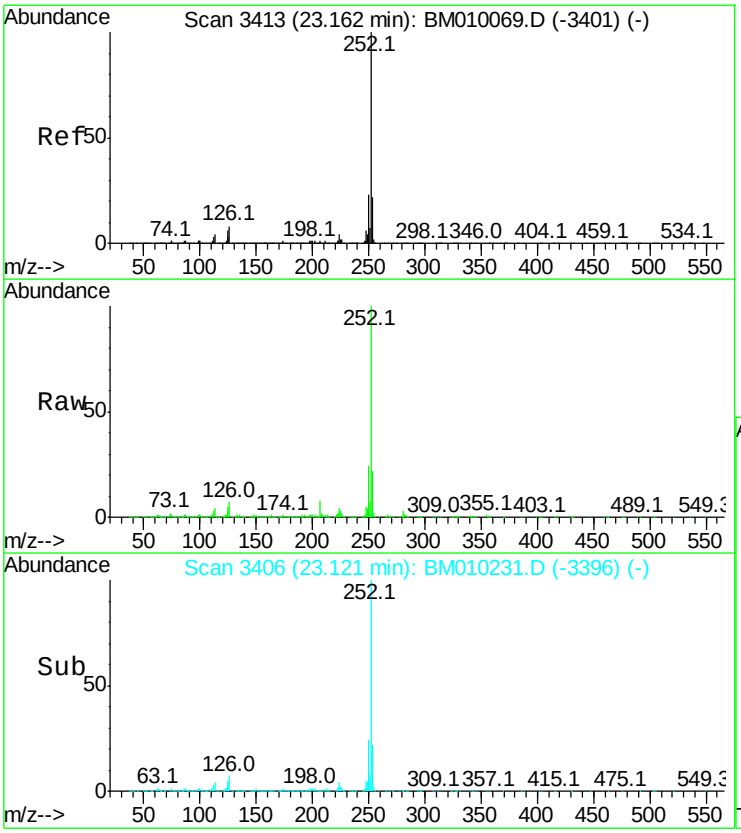

#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:264 Resp: 1296516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 27.8 |
| 265 | 22.0 | 17.3 | 25.9 |

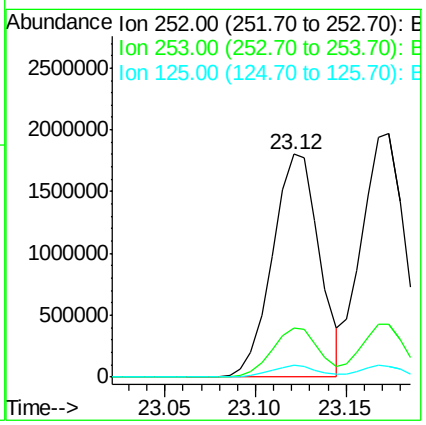


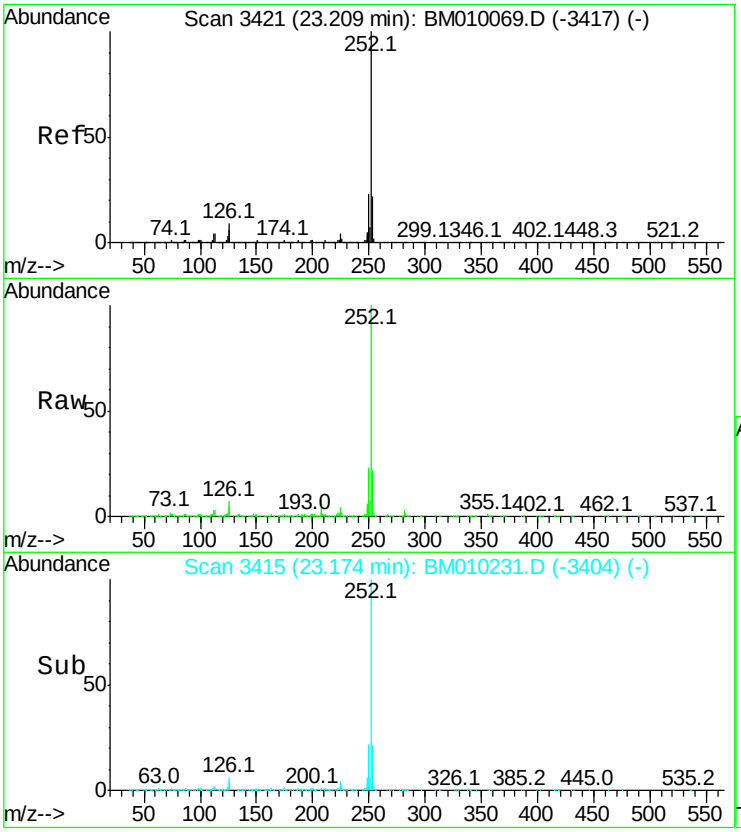




#87
Benzo(b)fluoranthene
Concen: 42.80 ng
RT: 23.12 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:252 Resp: 3247324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.0 | 27.0 |
| 125 | 5.1 | 9.9 | 14.9# |



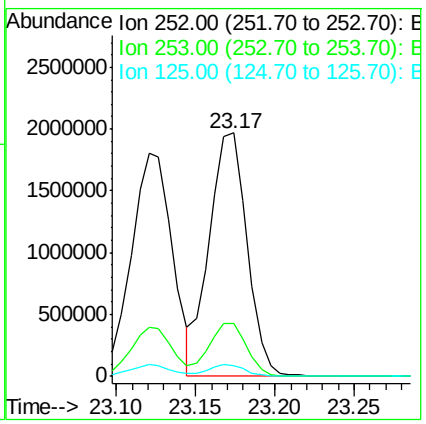


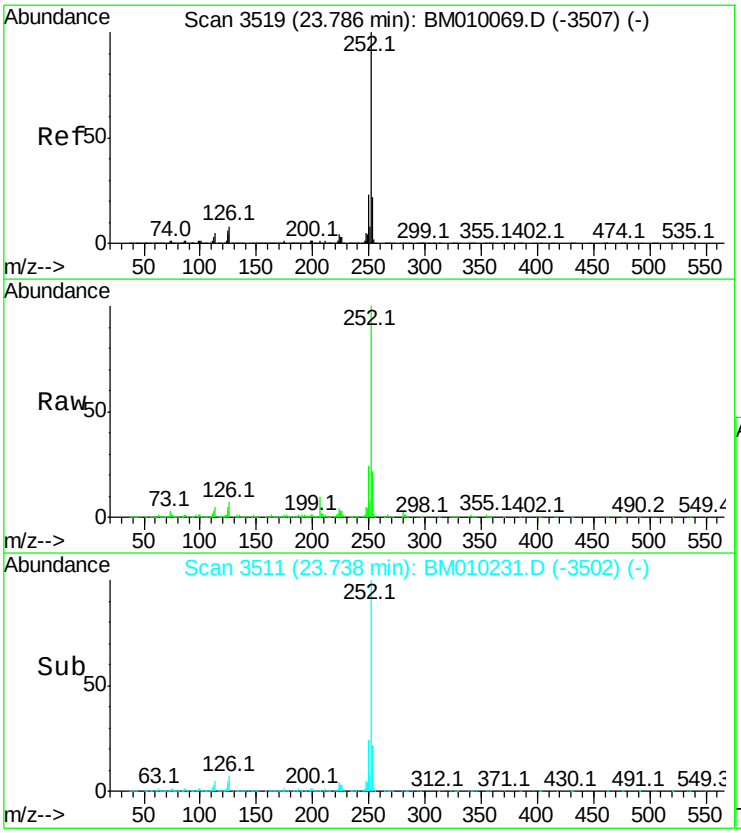

#88
Benzo(k)fluoranthene
Concen: 43.69 ng
RT: 23.17 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 3248037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.2 | 25.8 |
| 125 | 4.6 | 8.1 | 12.1# |

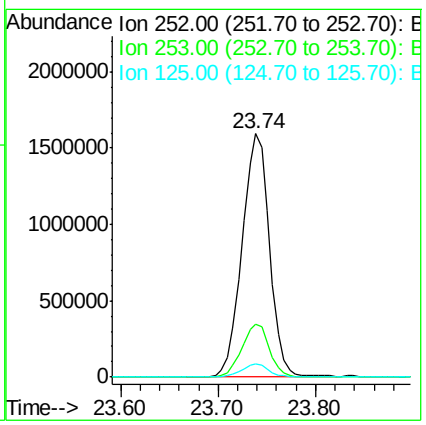


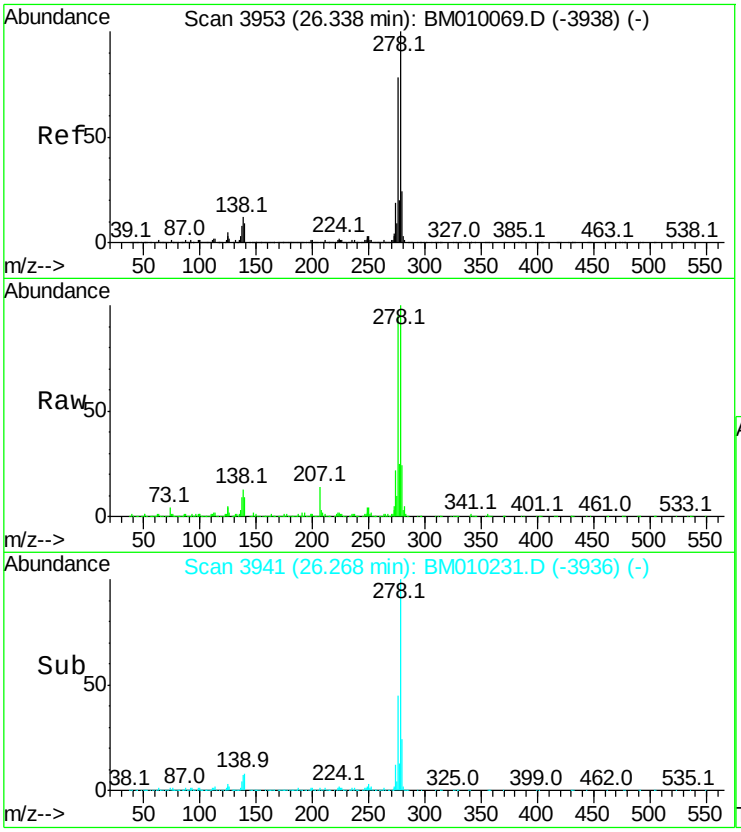




#89
Benzo(a)pyrene
Concen: 43.31 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.05 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:252 Resp: 3131359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 5.4 | 7.4 | 11.2# |



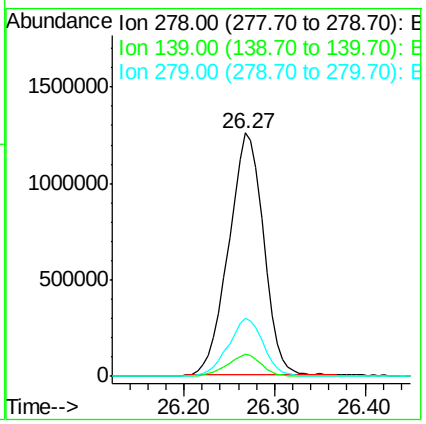


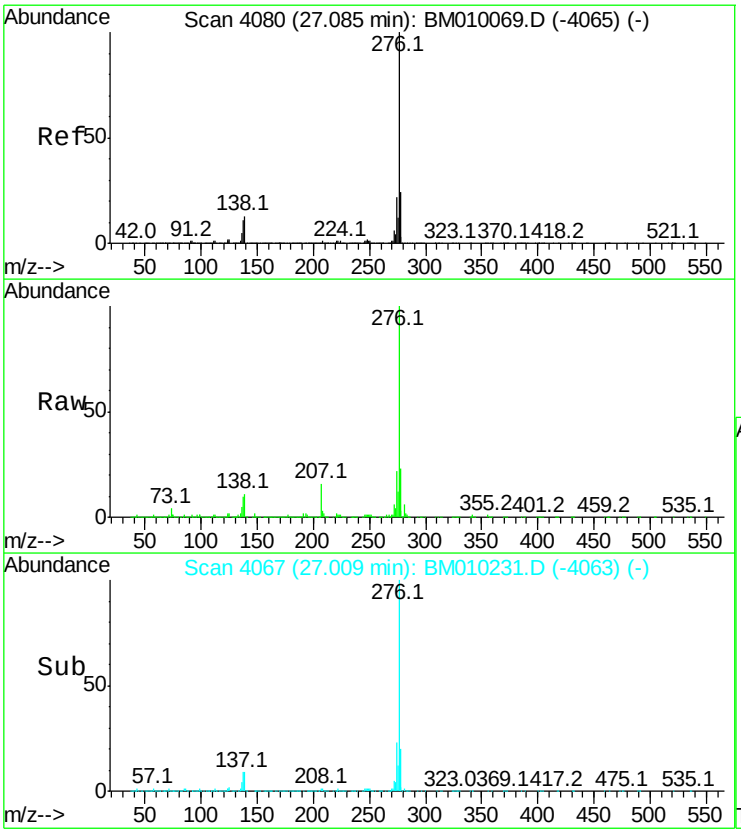

#90
Dibenzo(a,h)anthracene
Concen: 41.61 ng
RT: 26.27 min Scan# 3941
Delta R.T. -0.07 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:278 Resp: 3364594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.1 | 13.4 | 20.0# |
| 279 | 24.0 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 42.87 ng
RT: 27.01 min Scan# 4067
Delta R.T. -0.08 min
Lab File: BM010231.D
Acq: 25 May 2017 23:34

Tgt Ion:276 Resp: 3396544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 18.5 | 27.7 |
| 138 | 10.8 | 19.0 | 28.6# |